

Broadmead Retirement Community Tree Inventory and Management Plan | 2022



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Broadmead Retirement Community 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 Broadmead 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 Inventory Solutions team. They are also employees of Bartlett Tree Experts. The Bartlett Inventory Solutions team is overseen by Technical Advisors out of the Bartlett Tree Research Laboratories in Charlotte, North Carolina. The advisors are primarily charged with client support, coordination, quality control, and documentation of inventories and the related data. Extensively trained Regional Inventory 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:

Technical Advisor

Andrew Mink, Consulting Advisor

Board Certified Master Arborist #MA-5387BU, ISA Tree Risk Assessment Qualified, New Jersey Licensed Tree Expert #620

Data Collection

Harry Chopev, Mid-Atlantic Division Regional Consulting Arborist

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Subject Trees

In this document, the term "subject trees" refers (depending on context) to some, or all of the 717 trees (some of them groupings of 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
- **Tree Risk Assessment and Mitigation**
 - Summary of *overall tree risk ratings* assigned during the inventory with corresponding table and map displays with figures if applicable
 - Summary of *Level 3 Advanced assessments* recommended during the inventory (summarized in the *overall tree risk ratings* table) with a map display and figures if applicable
- **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
- **Dedicated or Memorial Trees**
 - List of all dedicated or memorial trees observed during the inventory in a table and map display with corresponding 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 July 2022, the Bartlett Inventory Solutions (BIS) Team from Bartlett Tree Experts conducted an inventory of trees within the Broadmead Retirement Community campus. We identified 717 trees, including 31 groupings, which included 90 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 Positioning Satellite Receiver (GPSr) device 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.

Tree Risk Assessments and Mitigation

Perform the recommended tree risk mitigation activities for the 3 trees (< 1%) which we found defects or concerns that prompted the need to use the International Society of Arboriculture's (ISA) risk matrices in the field. Risk mitigation activities will comply with current ANSI A300 standard practices. Please see the Tree Risk Assessments, Limitations & Glossary section for more information.

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.

Soil Rx®

Apply Bartlett's Soil Rx® program to 103 trees (14%) to correct nutrient deficiencies and optimize soil conditions for the designated trees.

Root Invigoration™

Perform Bartlett's patented Root Invigoration™ on 8 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 201 trees (28%) 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 697 trees (97%) 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 21 trees (3%) 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

There are lightning protection system recommendations for 1 tree (< 1%) to try and intercept lightning strikes and conduct them to the ground. All Lightning protection systems will comply with current ANSI A300 standard practices for lightning protection systems.

Removals

Remove 20 trees (3%) 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 4 trees (1%) to try and prevent them from hiding defects.

INTRODUCTION

In April 2022, Broadmead Retirement Community in 13801 York Rd, Cockeysville, Maryland retained Bartlett Tree Experts to perform an inventory of trees within their campus. Team member Harry Chojev visited the site on July 13-18 to conduct the inventory.

The inventory included:

- identifying trees and assigning a Tree ID number (Tree ID numbers ranging from 1 to 600).
- identifying the trees' condition, health, and vigor.
- recommending risk evaluations and removals of appropriate trees.
- recommending tree care, soil care, structural support, and pest management treatments to promote tree safety, health, appearance, and longevity; and
- mapping the trees using GPSr 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) within the Broadmead Retirement Community campus.	<ul style="list-style-type: none"> • Using Trimble® Geo GPSr hardware 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 or group of trees inventoried.
Provide mechanism for managing inventory, recommendations, and related budget planning.	<ul style="list-style-type: none"> • Provide map or maps of the inventoried trees and tree groupings 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.	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • integrated pest management • soil care • maintenance pruning
Manage immediate and long-term risk associated with trees in high-use areas.	Implement recommended risk-management measures that include <ul style="list-style-type: none"> • risk-reduction pruning • required removals • tree structure evaluations

DATA COLLECTION & TREE INSPECTION METHODOLOGY

In conducting the inventory, we used specialized equipment and software and followed specific procedures to determine tree characteristics, risk evaluations, 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® Geo GPSr hardware units, TerraSync® and GPS Pathfinder® Office GIS 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)
- documented *Level 2 Basic assessment* for tree risk where defects or concerns were observed that prompted the need to use the ISA risk matrices in the field resulting in an *overall tree risk rating*
- 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
- need for *Level 3 Advanced assessment* for tree risk
- 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 risk mitigation, 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.

Phases 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:

- ASAP** Trees with recommendations that should be addressed As Soon As Possible.
- Phase 1** Typically addressed in the first management cycle. Trees located in high-use sites, have a high aesthetic value, have an elevated *overall tree risk rating*, and/or parts that are currently in conflict with infrastructure.
- Phase 2** Typically addressed in the second management cycle. Trees with moderate aesthetic value, don't have an elevated *overall tree risk rating*, 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.

Risk Mitigation	This goal requires pruning of any tree where risk mitigation should take precedence over other pruning goals. Typically aims to reduce the <i>overall tree risk rating</i> by branch removal and/or branch reduction.
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.

Tree Risk Assessments, Limitations & Glossary

In accordance with industry standards, tree risk ratings are derived from a combination of three factors: the *likelihood of failure*, the *likelihood of the failed tree part impacting a target*, and the *consequences* of the target being struck. The guidelines used to classify each of these factors are presented in the *ISA's BMP for Tree Risk Assessment* and guidelines developed by the Bartlett Tree Research Laboratories. *These factors are then used to categorize tree risk as Extreme, High, Moderate or Low.* The factors used to define your risk ratings are identified in this report. An explanation of terms used in this report appears in the glossary located in the appendix. The information provided in this report is based on the conditions identified at the time of inspection. Tree conditions do change over time, so reassessment is recommended annually and after major storm events.

Limitations of Tree Risk Assessments

It is important for the tree owner or manager to know and understand that all trees pose some degree of risk from failure or other conditions. The information and recommendations within this report have been derived from the level of tree risk assessment identified in this report, using the information and practices outlined in the *International Society of Arboriculture's Best Management Practices for Tree Risk Assessment*, as well as the information available at the time of the inspection. However, the *overall tree risk rating*, the mitigation recommendations, or any other conclusions do not preclude the possibility of failure from undetected conditions, weather events, or other acts of man or nature. Trees can unpredictably fail even if no defects or other conditions are present. It is the responsibility of the tree owner or manager to schedule repeat or *Advanced assessments*, determine actions, and implement follow up recommendations, monitoring and/or mitigation.

Bartlett Tree Experts can make no warranty or guarantee whatsoever regarding the safety of any tree, trees, or parts of trees, regardless of the level of tree risk assessment provided, the risk rating, or the residual risk rating after mitigation. The information in this report should not be considered as making safety, legal, architectural, engineering, landscape architectural, land surveying advice or other professional advice. This information is solely for the use of the tree owner and manager to assist in the decision-making process regarding the management of their tree or trees. Tree risk assessments are simply tools which should be used in conjunction with the owner or tree manager's knowledge, other information and observations related to the specific tree or trees discussed, and sound decision making.

Glossary

Tree risk assessment has a unique set of terms with specific meanings. Definitions of all specific terms may be found in the *International Society of Arboriculture's Best Management Practice for Tree Risk Assessment*. Definitions of some of these terms used in this report are as follows:

The *likelihood of failure* may be categorized as imminent meaning that failure has started or could occur at any time; probable meaning that failure may be expected under normal weather conditions within the next 3 years; possible meaning that failure could occur but is unlikely under normal weather conditions during that time frame; and improbable meaning that failure is not likely under normal weather conditions, and may not occur in severe weather conditions during that time frame.

The likelihood of the failed tree part impacting a target may be categorized as high meaning that a failed tree or tree part will most likely impact a target; medium meaning the failed tree or tree part could impact the target, but is not expected to do so; low meaning that the failed tree or tree part is not likely to impact a target; and very low meaning that the chance of a failed tree or tree part impacting the target is remote.

The *likelihood of failure and impact* is defined by the Likelihood Matrix below.

LIKELIHOOD OF FAILURE AND IMPACT

Likelihood of Failure	Likelihood of Impacting Target			
	Very Low	Low	Medium	High
Imminent	Unlikely	Somewhat likely	Likely	Very Likely
Probable	Unlikely	Unlikely	Somewhat likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely

The *consequences* of a known target being struck may be categorized as severe meaning that impact could involve serious personal injury or death, damage to high value property, or disruption to important activities; significant meaning that the impact may involve personal injury, property damage of moderate to high value, or considerable disruption; minor meaning that impact could cause low to moderate property damage, small disruptions to traffic or a communication utility, or minor injury; and negligible meaning that impact may involve low value property damage, disruption that can be replaced or repaired, and do not involve personal injury.

Targets are people, property, or activities that could be injured, damaged or disrupted by a tree failure.

Levels of assessment 1) *Limited visual assessments* are conducted to identify obvious defects. 2) *Basic assessments* are visual inspections done by walking around the tree looking at the site, buttress roots, trunk and branches. It may include the use of simple tools to gain information about the tree or defects. 3) *Advanced assessments* are performed to provide detailed information about specific tree parts, defects, targets of site conditions. Drilling to detect decay is an advanced assessment technique.

Tree Risk Ratings are terms used to communicate the level of risk rating. They are defined in defined in the Risk Matrix below as a combination of Likelihood and Consequences:

ISA RISK MATRIX

Likelihood of Failure & Impact	Consequences of the Tree Failure			
	Negligible	Minor	Significant	Severe
Very Likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low

Overall tree risk rating is the highest individual risk identified for the tree. The *residual risk* is the level of risk the tree should pose after the recommended mitigation.

Bartlett Tree Experts can inventory trees that have ropes courses, zip lines, swings, tree houses, or any other life support system attached for several different attributes; however, Bartlett Tree Experts is unable to provide tree risk assessment information on such trees, nor is Bartlett Tree Experts able to determine whether the correct hardware has been used, the systems are attached to the trees correctly, or whether the trees can withstand the additional forces that are placed on the tree or trees from such systems or structures. Bartlett Tree Experts does not recommend that any hardware or structures, other than those recommended by and installed by qualified arborists to aid the tree in structural support or protections from lightning, be installed in or attached to any tree(s). Bartlett Tree Experts recommends removing, or discontinuing the use of, any such system or recreational structure until the Client hires or consults with an engineer/specialist that deals specifically with ropes courses, zip lines, swings, tree houses, or any other life support systems and how they attach to and impact trees to determine if the trees can handle the forces being placed on them.

In the event that Bartlett Tree Experts observes an immediate safety issue with a tree with any such device attached, such as the presence of a dead, dying, or broken limb that could fall and injure a person or damage property, Bartlett Tree Experts may make a recommendation to remove or prune such a limb or otherwise mitigate the obvious safety issue. However, the Client should not infer that following such a recommendation and mitigating the immediate safety issue makes the tree in question safe for the use of the attached device or feature.

TREE RISK ASSESSMENTS AND MITIGATION



TREE RISK ASSESSMENTS AND MITIGATION

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:

- **Subject Trees Summarized According to:**
 - Tree Risk Assessment Results and Mitigation Recommendations

Tree Risk Assessments and Mitigation

As part of the inventory process, the Inventory Team conducts a *Level 2 Basic assessment* from the ground. While every tree poses a risk, typically low, any trees that were found to have conditions that posed a hazardous situation, prompting the arborists to go through the steps outlined in the Tree Risk Assessments, Limitations, and Glossary section of this plan. *Overall Tree Risk Ratings* are then assigned to these trees.

During the *Level 2 Basic assessment* the Regional Inventory Arborist can determine whether some aspect of tree structure or health indicates that a more comprehensive tree structure evaluation, called a *Level 3 Advanced assessment*, is needed to more thoroughly evaluate tree condition and *likelihood of failure*.

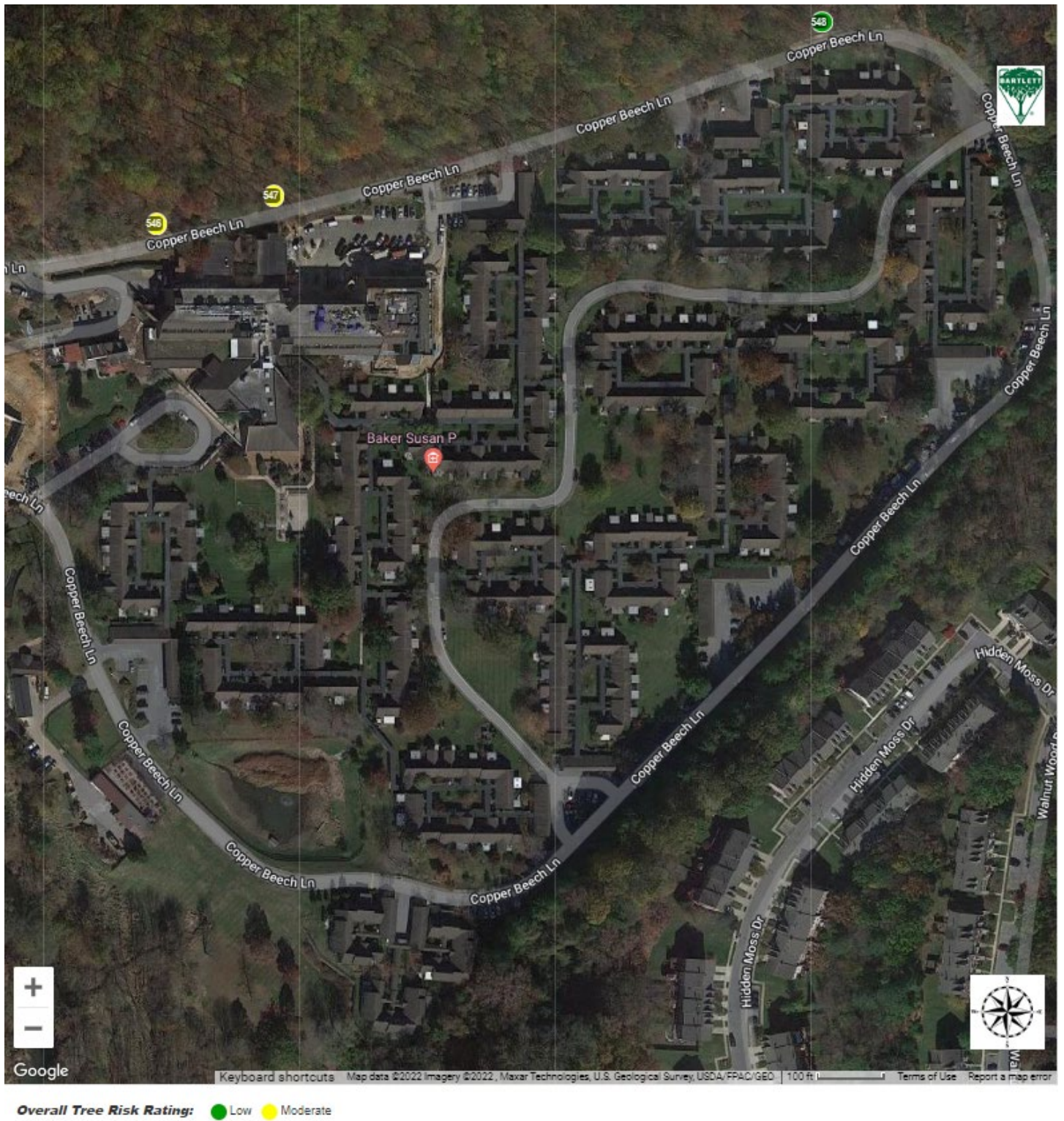
In such cases, we may recommend *Level 3 Advanced assessments* of the roots, stem, or crown. These assessments may include climbing inspections, examination of the root system using a compressed-air tool (that avoids damage to roots and underground utilities), resistance-recording drilling, or sonic tomography that produces a visual representation of internal conditions based on how sound moved through the tree. The goal is to use the appropriate method to evaluate impact of wood decay in stems and buttress roots that show potential for failure and to determine presence and condition of the root system. Once those *Level 3 Advanced assessments* are completed, more specific recommendations can be made, such as remediation, maintenance, or removal.

The Tree Risk Table below summarizes the inventoried trees that were observed posing a hazardous situation during the course of the inventory, including those trees recommended for *Level 3 Advanced assessments*. The table is organized first by *Overall Tree Risk Rating* (highest to lowest), then by Tree & Shrub Work Phase (ascending order), and finally by Tree ID (ascending order).

TREE RISK ASSESSMENTS AND MITIGATION (3 Trees)

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
546	Locust-Black	14	Fair	Moderate	Building	1	<ul style="list-style-type: none"> • Removal 	<ul style="list-style-type: none"> • Lean • Low live crown ratio • Overextended branch
547	Maple-Boxelder	20	Fair	Moderate	Building	1	<ul style="list-style-type: none"> • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown • Prune: Clearance 	<ul style="list-style-type: none"> • Dead branches >2 • Lean • Overextended branch
548	Ash-White	20,18,18	Dead	Low	Street	1	<ul style="list-style-type: none"> • Removal 	...

INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION



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
 - Tree Groupings
 - Condition Class
 - Age Class
 - Tree Size per DBH
 - Estimated Tree Asset Value
 - Tree Location 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 90 species of trees, as detailed in the following table:

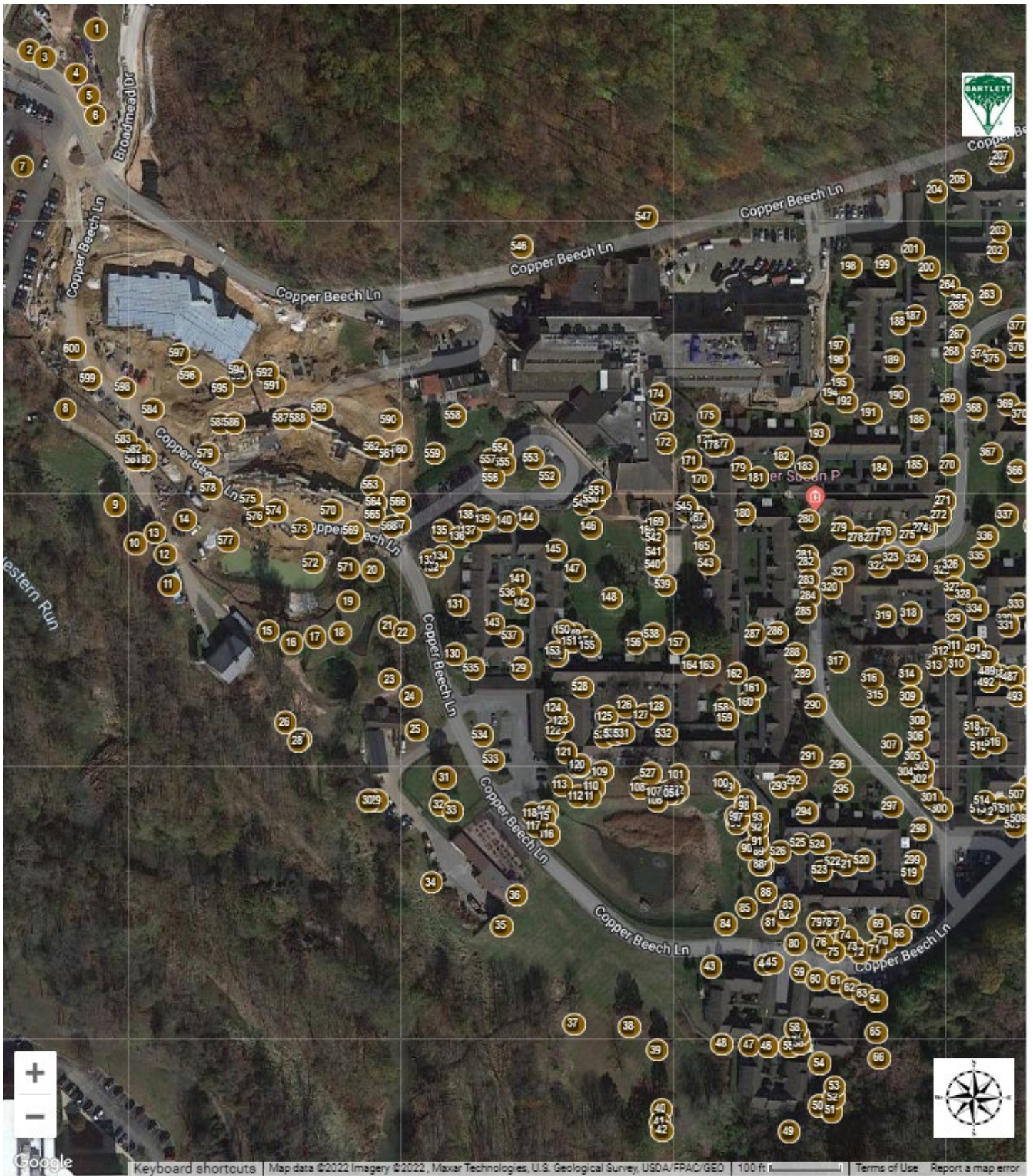
TREE SPECIES IDENTIFIED

Genus	Species	Common Name	Count	% Distribution Total
Acer	<i>ginnala</i>	Maple-Amur	6	1%
	<i>griseum</i>	Maple-Paperbark	1	< 1%
	<i>negundo</i>	Maple-Boxelder	4	1%
	<i>palmatum</i>	Maple-Japanese	18	3%
	<i>platanoides</i>	Maple-Norway	2	< 1%
	<i>platanoides</i> var. 'Crimson King'	Maple-Crimson King	8	1%
	<i>rubrum</i>	Maple-Red	48	7%
	<i>saccharinum</i>	Maple-Silver	2	< 1%
	<i>saccharum</i>	Maple-Sugar	19	3%
Acer Total			108	15%
Albizia	<i>julibrissin</i>	Mimosa	1	< 1%
Betula	<i>nigra</i>	Birch-River	22	3%
Carpinus	<i>caroliniana</i>	Hornbeam-American	5	1%
Carya	<i>cordiformis</i>	Hickory-Bitternut	1	< 1%
Cedrus	<i>atlantica</i>	Cedar-Atlas	4	1%
	<i>deodara</i>	Cedar-Deodar	1	< 1%
Cedrus Total			5	1%
Celtis	<i>occidentalis</i>	Hackberry	7	1%
Cercis	<i>canadensis</i>	Redbud-Eastern	34	5%
Chamaecyparis	<i>obtusa</i>	Falsecypress-Hinoki	5	1%
Chionanthus	<i>virginicus</i>	Fringetree-White	1	< 1%
Cladrastis	<i>kentukea</i>	Yellowwood	3	< 1%
Cornus	<i>florida</i>	Dogwood-Flowering	9	1%
	<i>kousa</i>	Dogwood-Kousa	13	2%
	<i>mas</i>	Dogwood-Cornelian Cherry	4	1%
Cornus Total			26	4%
Crataegus	sp.	Hawthorn	15	2%
Cryptomeria	<i>japonica</i>	Japanese Cryptomeria	3	< 1%
Fagus	<i>grandifolia</i>	Beech-American	3	< 1%
	<i>sylvatica</i>	Beech-European	2	< 1%
Fagus Total			5	1%
Fraxinus	<i>americana</i>	Ash-White	4	1%
Ginkgo	<i>biloba</i>	Ginkgo	2	< 1%

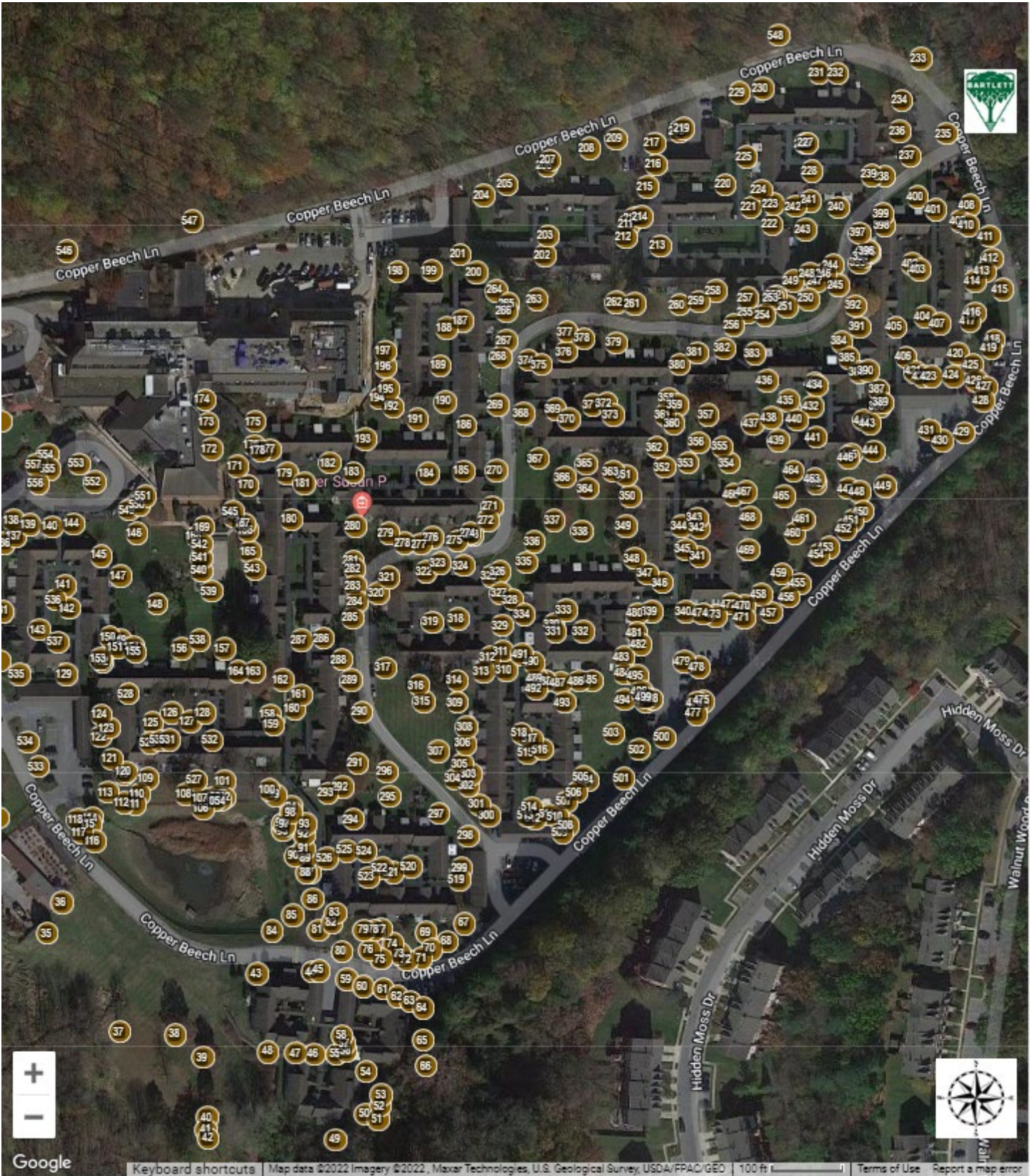
Genus	Species	Common Name	Count	% Distribution Total
<i>Gleditsia</i>	<i>triacanthos</i> var. <i>inermis</i>	Honeylocust-Thornless Common	3	< 1%
<i>Ilex</i>	<i>aquifolium</i>	Holly-English	1	< 1%
	<i>cornuta</i>	Holly-Chinese	1	< 1%
	<i>opaca</i>	Holly-American	25	3%
	<i>verticillata</i>	Holly-Common Winterberry	1	< 1%
	x <i>attenuata</i>	Holly-Foster's	26	4%
	x var. 'Nellie R. Stevens'	Holly-Nellie R. Stevens	18	3%
Ilex Total			72	10%
<i>Juglans</i>	<i>cinerea</i>	Walnut-Butternut	2	< 1%
	<i>nigra</i>	Walnut-Black	2	< 1%
Juglans Total			4	1%
<i>Juniperus</i>	sp.	Juniper	2	< 1%
<i>Koelreuteria</i>	<i>paniculata</i>	Goldenraintree-Panicled	1	< 1%
<i>Lagerstroemia</i>	<i>indica</i>	Crapemyrtle-Common	25	3%
<i>Liquidambar</i>	<i>styraciflua</i>	Sweetgum-Common	6	1%
<i>Liriodendron</i>	<i>tulipifera</i>	Tuliptree	2	< 1%
<i>Magnolia</i>	<i>grandiflora</i>	Magnolia-Southern	3	< 1%
	<i>stellata</i>	Magnolia-Star	1	< 1%
	<i>virginiana</i>	Magnolia-Sweetbay	44	6%
	x <i>soulangeana</i>	Magnolia-Saucer	5	1%
Magnolia Total			53	7%
<i>Malus</i>	sp.	Crabapple	8	1%
<i>Metasequoia</i>	<i>glyptostroboides</i>	Dawn Redwood	3	< 1%
<i>Nyssa</i>	<i>sylvatica</i>	Tupelo-Black	15	2%
<i>Parrotia</i>	<i>persica</i>	Parrotia-Persian	1	< 1%
<i>Picea</i>	<i>abies</i>	Spruce-Norway	13	2%
	<i>glauca</i>	Spruce-White	2	< 1%
	<i>pungens</i>	Spruce-Colorado Blue	8	1%
Picea Total			23	3%
<i>Pinus</i>	<i>strobus</i>	Pine-Eastern White	25	3%
	<i>thunbergiana</i>	Pine-Japanese Black	2	< 1%
Pinus Total			27	4%
<i>Platanus</i>	<i>occidentalis</i>	Sycamore-American	1	< 1%
<i>Prunus</i>	<i>cerasifera</i>	Plum-Purple Leaf	3	< 1%
	<i>serotina</i>	Cherry-Black	2	< 1%
	<i>serrulata</i>	Cherry-Flowering	11	2%
	<i>subhirtella</i>	Cherry-Weeping	4	1%
Prunus Total			20	3%
<i>Pyrus</i>	<i>calleryana</i>	Pear-Callery	11	2%
<i>Quercus</i>	<i>alba</i>	Oak-White	10	1%
	<i>bicolor</i>	Oak-Swamp White	1	< 1%

Genus	Species	Common Name	Count	% Distribution Total
	<i>coccinea</i>	Oak-Scarlet	1	< 1%
	<i>macrocarpa</i>	Oak-Bur	1	< 1%
	<i>palustris</i>	Oak-Pin	21	3%
	<i>phellos</i>	Oak-Willow	5	1%
	<i>prinus</i>	Oak-Chestnut	1	< 1%
	<i>rubra</i>	Oak-Northern Red	10	1%
	<i>shumardii</i>	Oak-Shumard	5	1%
Quercus Total			55	8%
Robinia	<i>pseudoacacia</i>	Locust-Black	3	< 1%
Salix	<i>babylonica</i>	Willow-Babylon Weeping	1	< 1%
	sp.	Willow	1	< 1%
Salix Total			2	< 1%
Sophora	<i>japonica</i>	Pagodatree-Japanese	2	< 1%
Styphnolobium	<i>japonicum</i>	Pagodatree-Japanese	1	< 1%
Styrax	<i>japonicus</i>	Styrax-Japanese Snowbell	4	1%
Syringa	<i>reticulata</i>	Lilac-Japanese Tree	5	1%
	<i>vulgaris</i>	Lilac-Common	1	< 1%
Syringa Total			6	1%
Thuja	sp.	Arborvitae	22	3%
	<i>standishii x plicata</i> x <i>plicata</i> var. 'Green Giant'	Arborvitae-Green Giant	31	4%
Thuja Total			53	7%
Tilia	<i>americana</i>	Linden-American	10	1%
	<i>cordata</i>	Linden-Littleleaf	2	< 1%
Tilia Total			12	2%
Tsuga	<i>canadensis</i>	Hemlock-Canadian	4	1%
Ulmus	<i>americana</i>	Elm-American	2	< 1%
	<i>parvifolia</i>	Elm-Chinese	9	1%
	<i>pumila</i>	Elm-Siberian	1	< 1%
Ulmus Total			12	2%
Viburnum	sp.	Viburnum	1	< 1%
Zelkova	<i>serrata</i>	Zelkova-Japanese	3	< 1%
^x Cupressocyparis	<i>leylandii</i>	Leyland Cypress	35	5%
Grand Total			717	100%

2022 TREE INVENTORY WEST



2022 TREE INVENTORY EAST



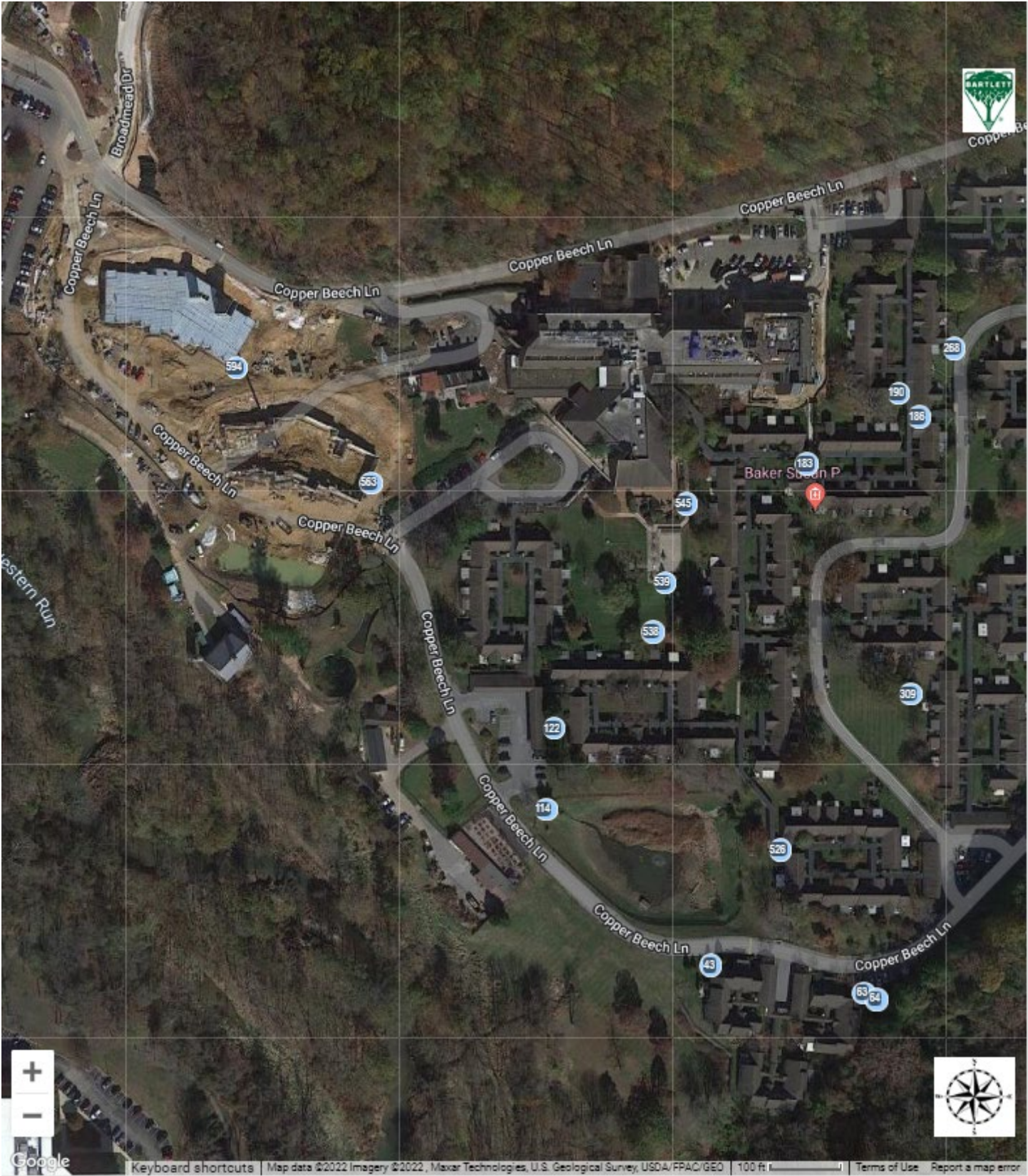
Tree Groupings

The following table displays inventoried trees that were recorded as groupings. Throughout the management plan, those trees recorded as groupings will be displayed with the number of plantings in parentheses after the common name.

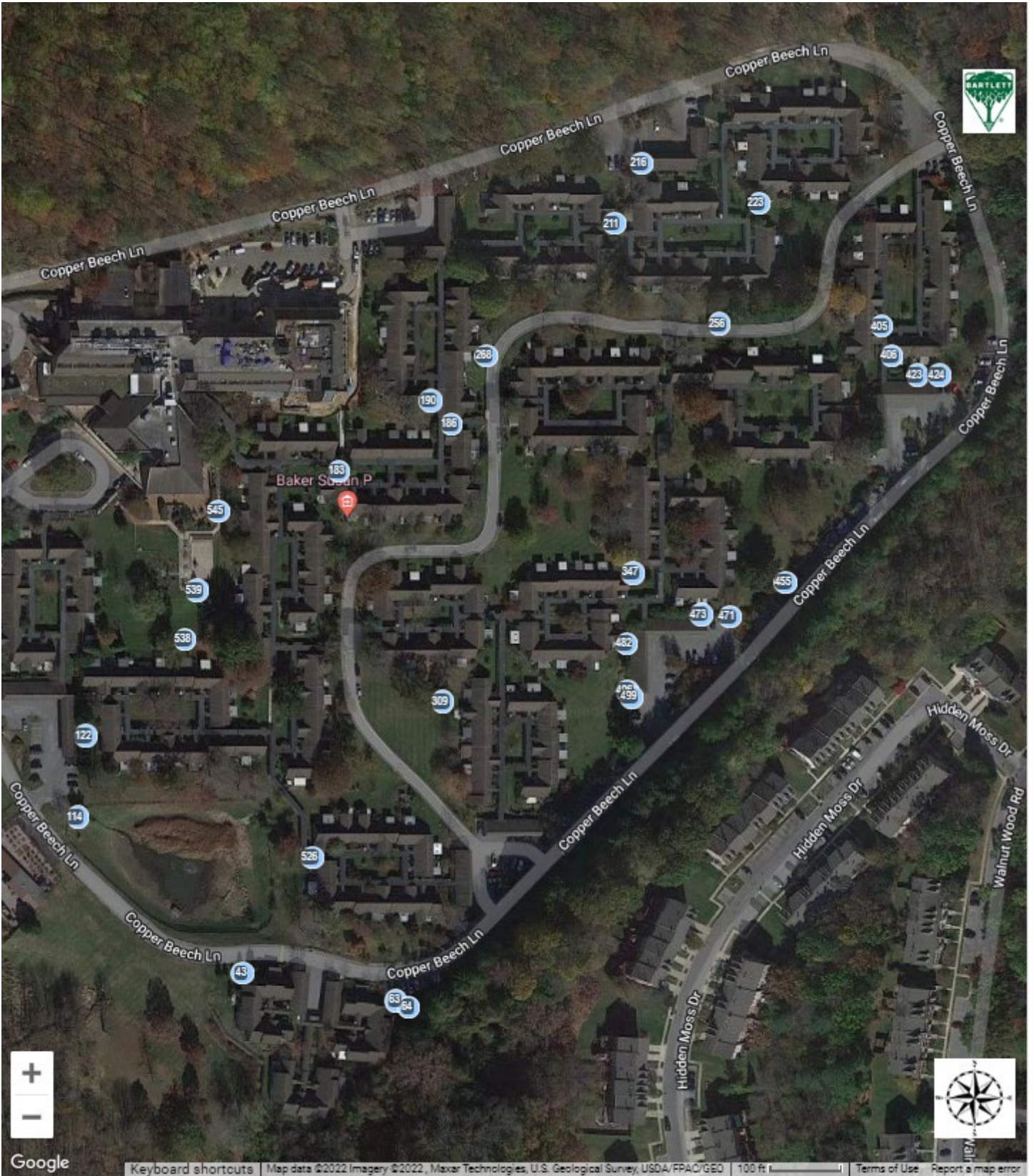
TREE GROUPINGS

Tree ID	Common Name	Total Plants
43	Spruce-Norway	5
63	Spruce-Norway	2
64	Arborvitae-Green Giant	3
114	Leyland Cypress	3
122	Leyland Cypress	20
183	Magnolia-Sweetbay	4
186	Holly-American	5
190	Holly-Nellie R. Stevens	3
211	Magnolia-Sweetbay	3
216	Holly-Foster's	6
223	Magnolia-Sweetbay	3
256	Holly-Nellie R. Stevens	5
268	Holly-American	3
309	Leyland Cypress	5
347	Lilac-Japanese Tree	2
405	Arborvitae	2
406	Arborvitae-Green Giant	5
423	Arborvitae	16
424	Holly-Foster's	10
455	Arborvitae-Green Giant	5
471	Holly-Foster's	2
473	Arborvitae	3
482	Magnolia-Sweetbay	6
496	Holly-American	2
499	Arborvitae-Green Giant	4
526	Arborvitae-Green Giant	3
538	Arborvitae-Green Giant	6
539	Holly-Foster's	2
545	Spruce-White	2
563	Holly-American	5
594	Holly-American	3

INVENTORIED TREES RECORDED AS GROUPINGS WEST



INVENTORIED TREES RECORDED AS GROUPINGS EAST

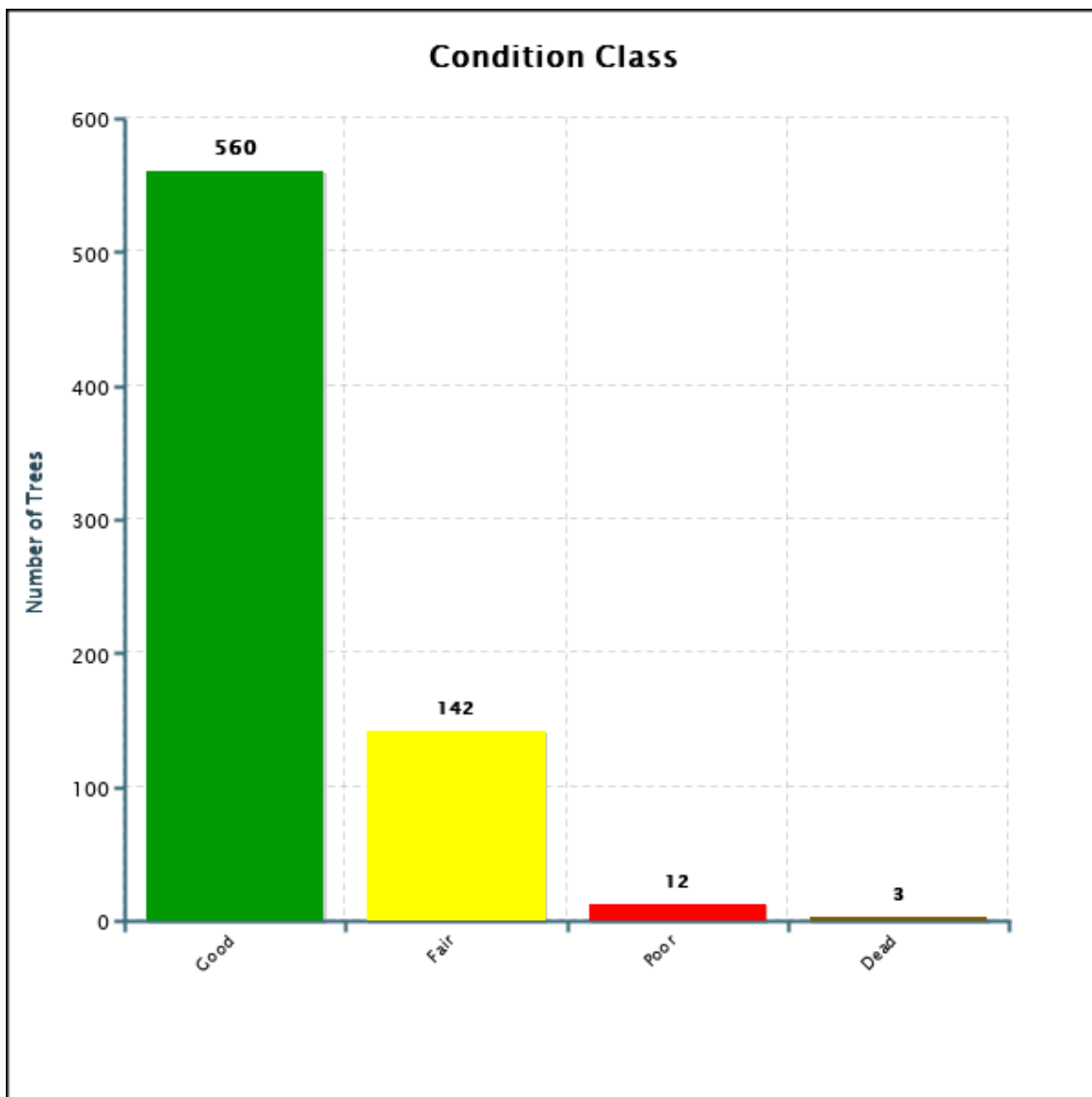


Condition Class

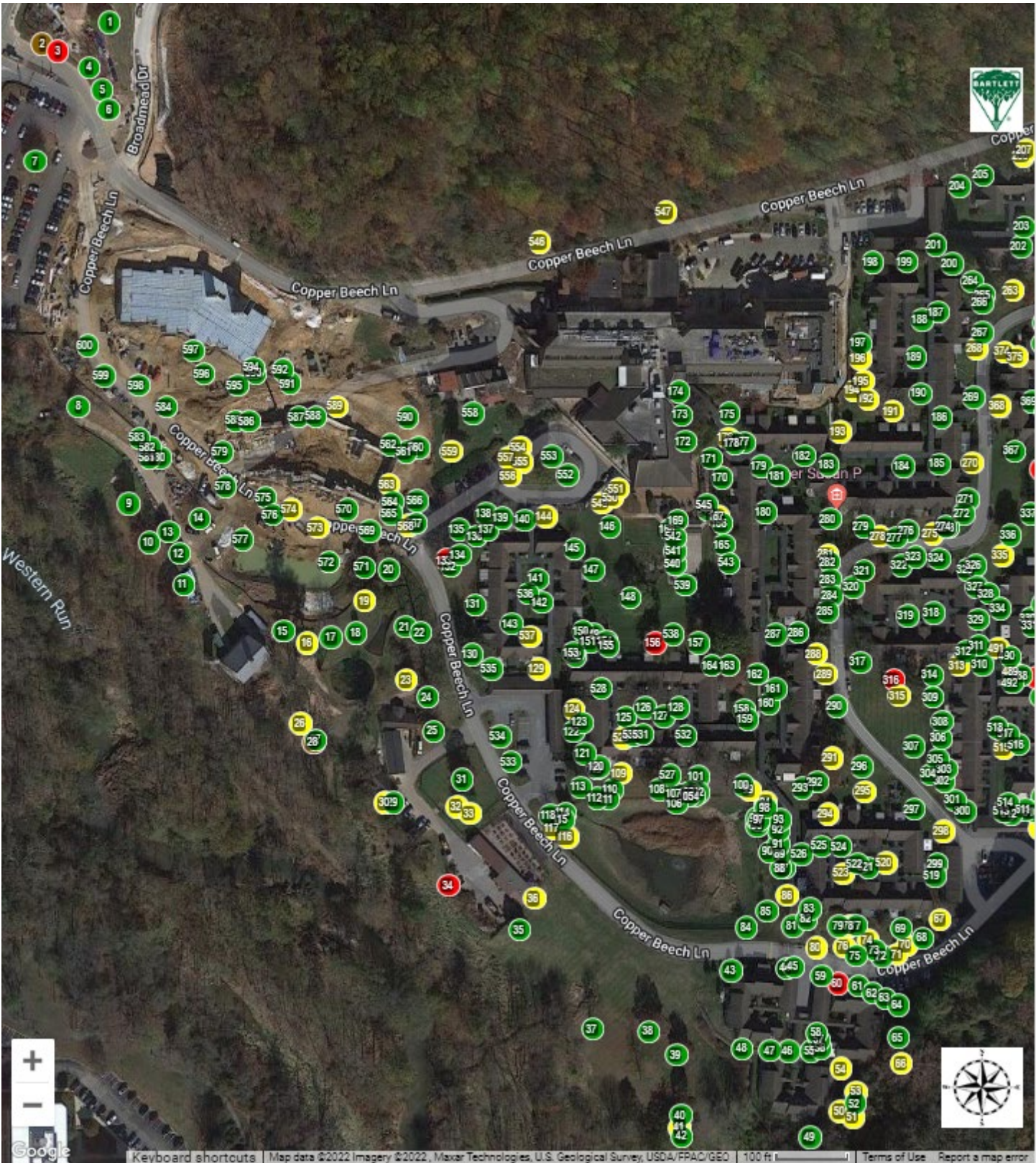
The breakdown of tree condition follows:

CONDITION CLASS BREAKDOWN

Condition Class	Quantity	% Of Total
Good	560	78%
Fair	142	20%
Poor	12	2%
Dead	3	< 1%

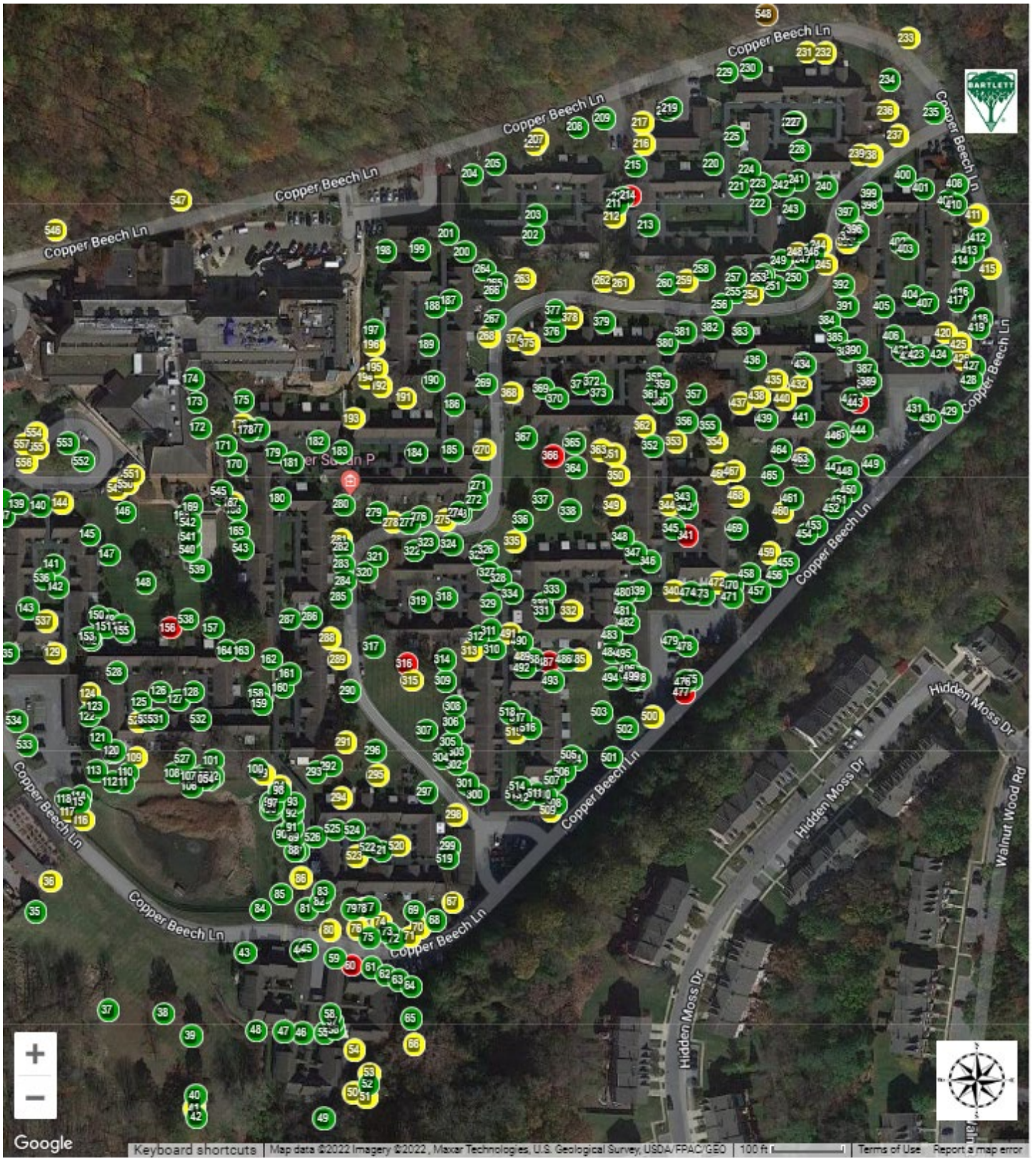


INVENTORIED TREES BY CONDITION CLASS WEST



Condition: ● Good ● Fair ● Poor ● Dead

INVENTORIED TREES BY CONDITION CLASS EAST

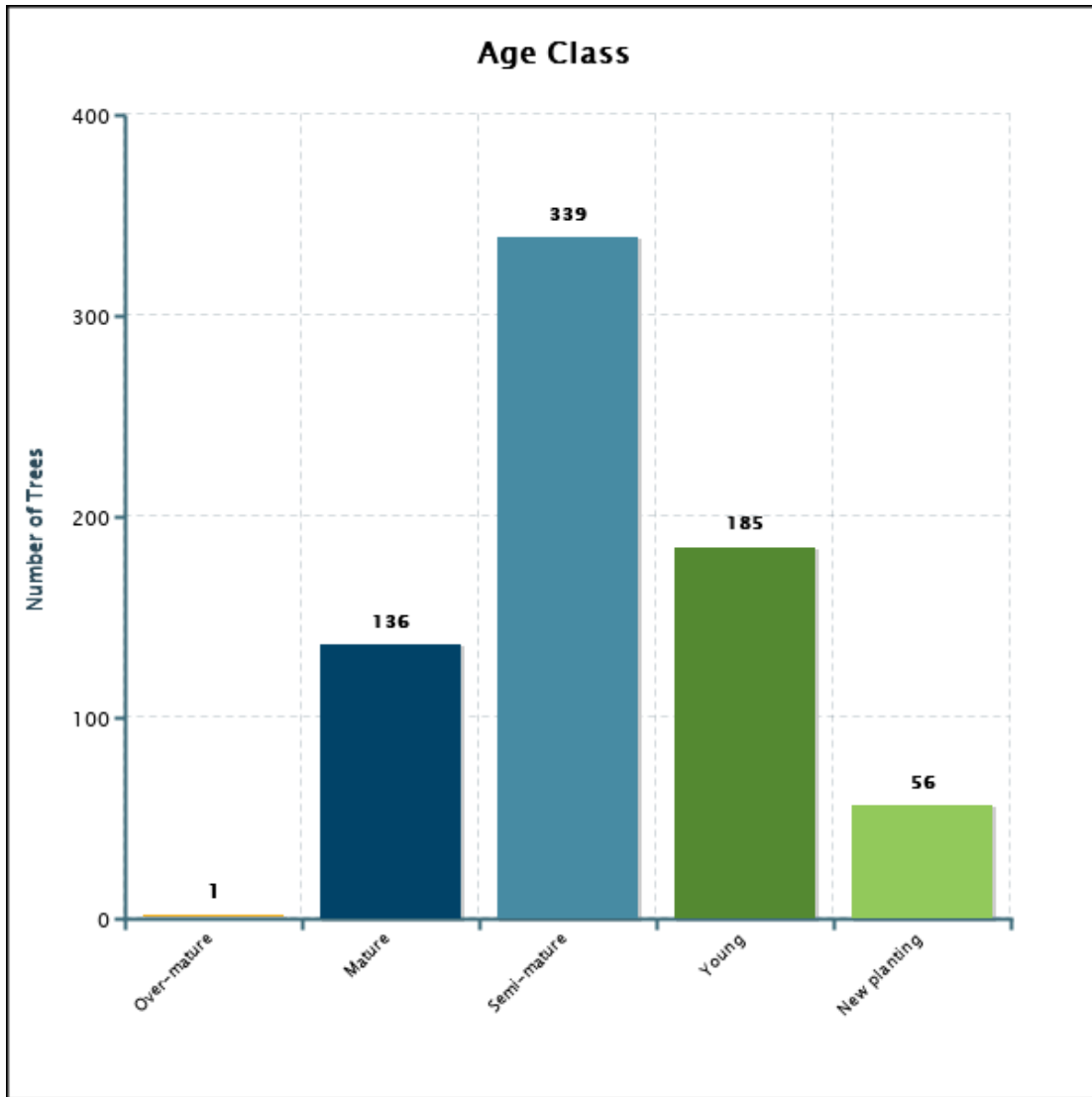


Age Class

The breakdown of tree age class follows:

AGE CLASS BREAKDOWN

Age Class	Quantity	% Of Total
Over-mature	1	< 1%
Mature	136	19%
Semi-mature	339	47%
Young	185	26%
New planting	56	8%

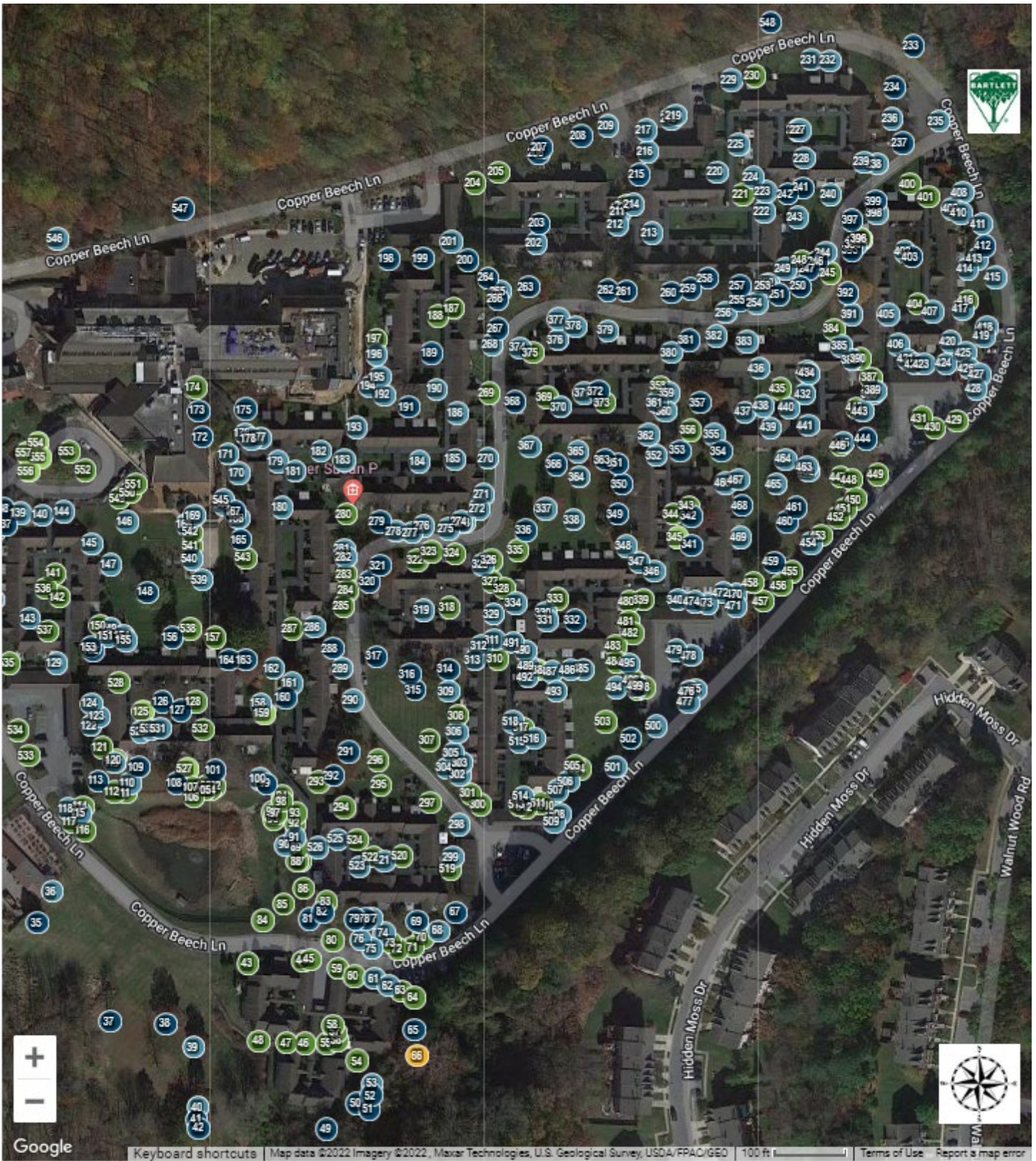


INVENTORIED TREES BY AGE CLASS WEST



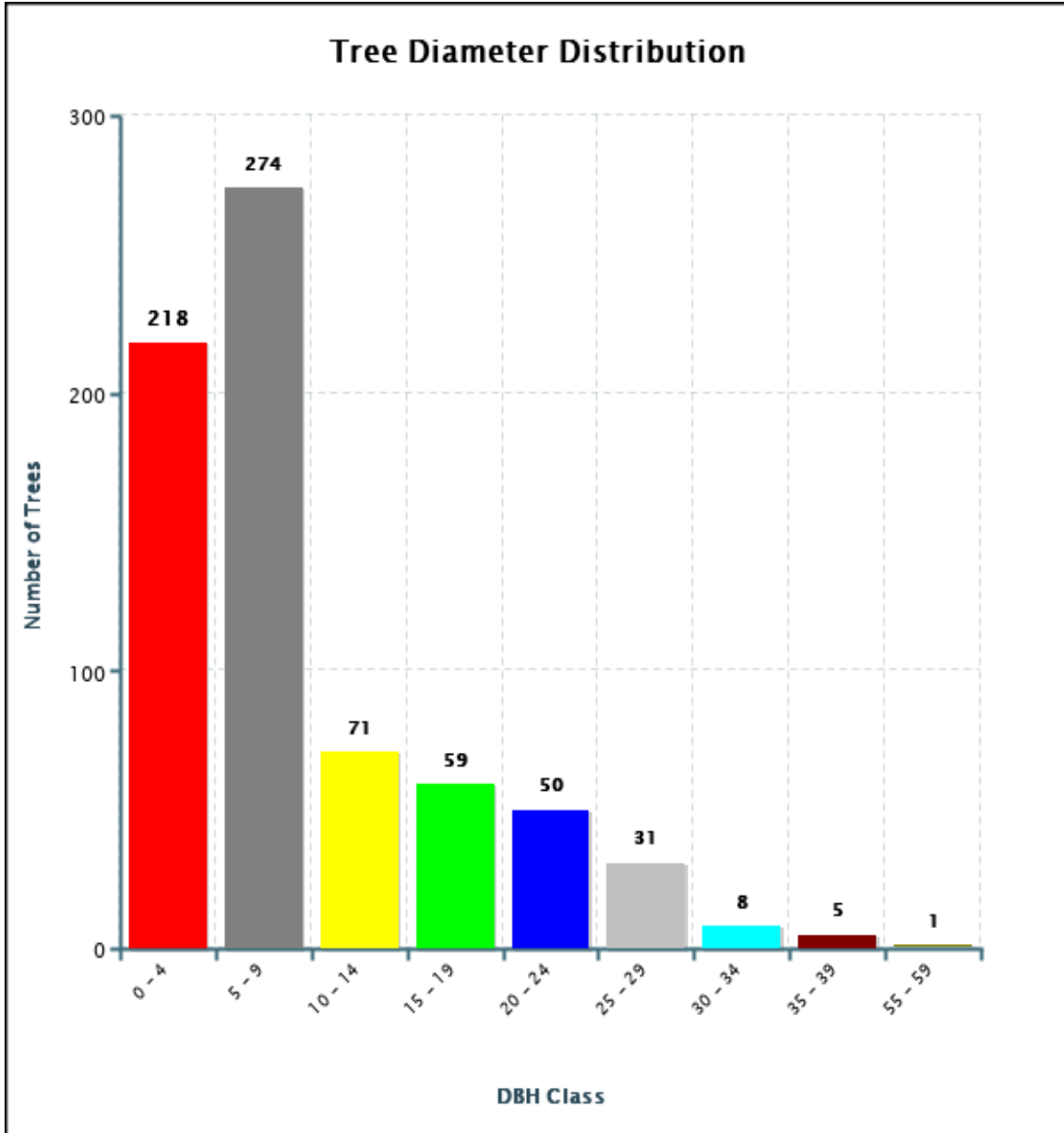
Age: ● New planting ● Young ● Semi-mature ● Mature ● Over-mature

INVENTORIED TREES BY AGE CLASS EAST



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 **\$1,880,096.61**. The following table lists the ten trees with the highest Tree Asset Values:

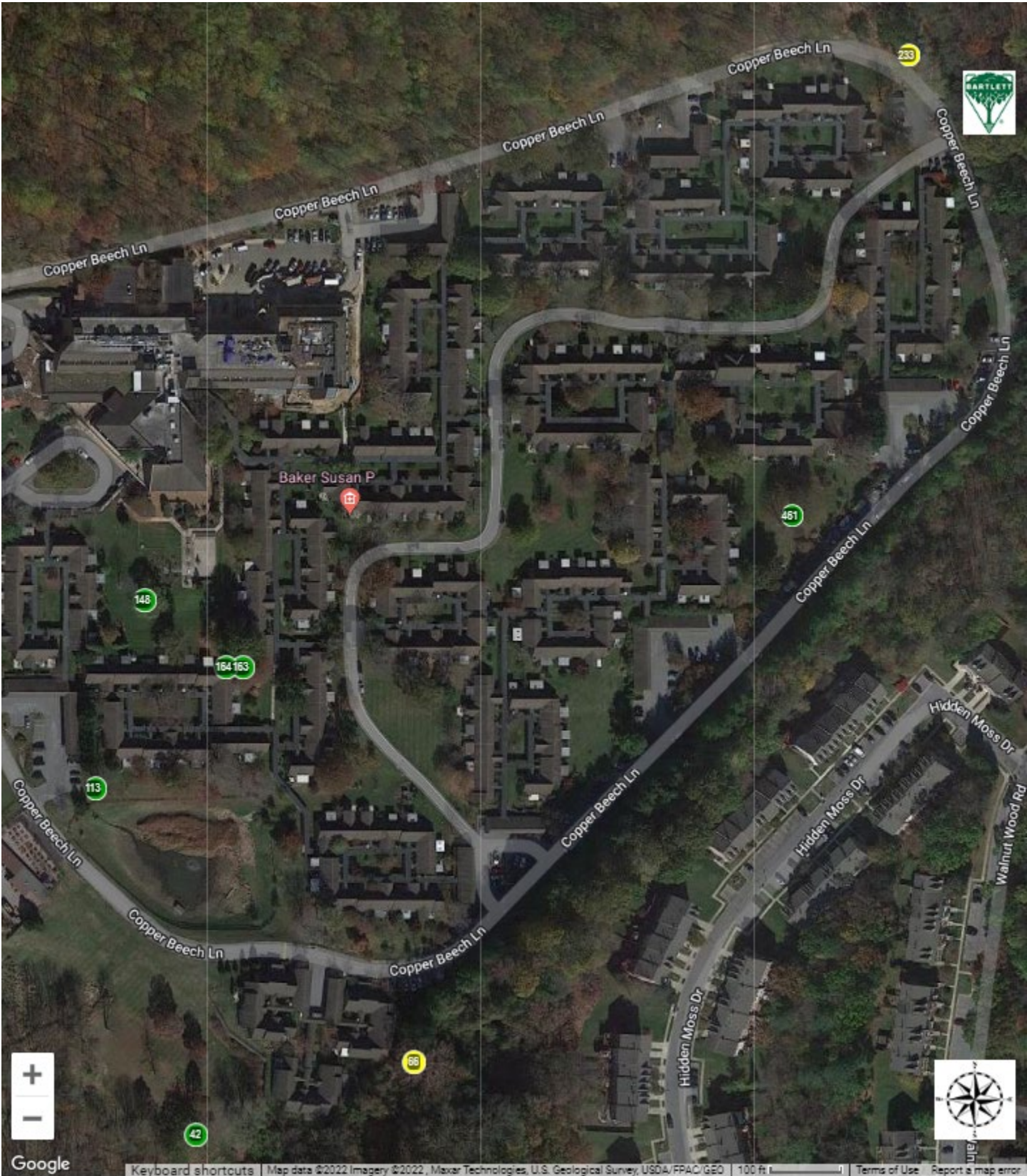
TOP TEN TREES - HIGHEST ESTIMATED TREE ASSET VALUE

Tree ID	Common Name	Genus	Species	DBH	Tree Asset Value
66	Oak-White	<i>Quercus</i>	<i>alba</i>	56	\$40,268.00
22	Oak-White	<i>Quercus</i>	<i>alba</i>	37	\$32,937.00
8	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	37	\$29,943.00
163	Oak-Shumard	<i>Quercus</i>	<i>shumardii</i>	35	\$23,876.00
461	Oak-Willow	<i>Quercus</i>	<i>phellos</i>	32	\$21,707.00
164	Oak-Shumard	<i>Quercus</i>	<i>shumardii</i>	33	\$21,482.00
148	Pagodatree-Japanese	<i>Sophora</i>	<i>japonica</i>	35	\$19,782.00
233	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	36	\$19,168.00
42	Walnut-Butternut	<i>Juglans</i>	<i>cinerea</i>	31	\$18,476.00
113	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	29	\$18,196.00

TOP TEN TREES - HIGHEST TREE ASSET VALUE WEST



TOP TEN TREES - HIGHEST TREE ASSET VALUE EAST



Tree Location Value

Each tree at Broadmead was assigned a location value of good, fair, or poor. One hundred and thirteen trees (16%) were assigned a location value of fair or poor due to present or anticipated conflicts with infrastructure or utilities. Trees with conflicts that can easily be mitigated with a one-time raise or reduction prune were not classified as existing in a fair or poor location.

One tree (< 1%) at Broadmead were assigned a location value of poor and are recommended for removal in the Tree Removal Section. These recommendations are made without consideration to tree health or the presence/absence of defects. Three trees (< 1%) were assigned a location value of fair and were recommended for removal due to condition, defects, and/or risk. It is recommended that the remaining 109 trees (15%) with fair, or poor location values and not recommended for removal continue to be monitored for intolerable levels of conflict with the surrounding infrastructure. If the level of conflict continues to increase and cannot be easily mitigated, a removal and replacement program should be considered for these trees. If removal and replacement is deemed appropriate, please consult with your local Bartlett Arborist Representative for information on desirable replacement plantings.



Tuliptree#437 had a poor location value and was recommended for removal.

INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE (113 Trees)

Tree ID	Common Name	Location Type	Location Value	DBH	Root Zone Infringement
288	Elm-Siberian	Foundation	Poor	26	51-75%
437	Tuliptree	Foundation	Poor	9	51-75%
467	Holly-American	Foundation	Poor	4	51-75%
540	Lilac-Japanese Tree	Well	Poor	5	51-75%
541	Crapemyrtle-Common	Well	Poor	2	51-75%
542	Crapemyrtle-Common	Well	Poor	2	51-75%
570	Oak-Willow	Foundation	Poor	2	51-75%
29	Japanese Cryptomeria	Foundation	Fair	8	25-50%
30	Walnut-Black	Foundation	Fair	12	25-50%
36	Cherry-Black	Foundation	Fair	15	25-50%
44	Redbud-Eastern	Foundation	Fair	6	25-50%
45	Redbud-Eastern	Foundation	Fair	5	25-50%
56	Redbud-Eastern	Foundation	Fair	6	25-50%
59	Redbud-Eastern	Foundation	Fair	5	25-50%
61	Hawthorn	Foundation	Fair	6	25-50%
78	Dogwood-Flowering	Foundation	Fair	10	25-50%
79	Crapemyrtle-Common	Foundation	Fair	6	25-50%
120	Dogwood-Kousa	Foundation	Fair	4	25-50%
124	Crabapple	Foundation	Fair	7	25-50%
131	Maple-Sugar	Foundation	Fair	13	25-50%
143	Holly-Nellie R. Stevens	Foundation	Fair	8	25-50%
144	Maple-Red	Foundation	Fair	12	25-50%
150	Spruce-Colorado Blue	Foundation	Fair	5	25-50%
151	Holly-Nellie R. Stevens	Foundation	Fair	6	25-50%
152	Leyland Cypress	Foundation	Fair	20	25-50%
153	Leyland Cypress	Foundation	Fair	20	25-50%
172	Maple-Red	Foundation	Fair	28	25-50%
173	Maple-Red	Foundation	Fair	25	25-50%
179	Crapemyrtle-Common	Foundation	Fair	6	25-50%
180	Hornbeam-American	Foundation	Fair	7	25-50%
182	Magnolia-Sweetbay	Foundation	Fair	4	25-50%
183	Magnolia-Sweetbay (4)	Foundation	Fair	5	25-50%

Tree ID	Common Name	Location Type	Location Value	DBH	Root Zone Infringement
185	Dogwood-Cornelian Cherry	Foundation	Fair	7	25-50%
186	Holly-American (5)	Foundation	Fair	5	25-50%
187	Tupelo-Black	Foundation	Fair	7	25-50%
190	Holly-Nellie R. Stevens (3)	Foundation	Fair	5	25-50%
191	Maple-Sugar	Foundation	Fair	23	25-50%
193	Spruce-Norway	Foundation	Fair	9	25-50%
195	Beech-American	Foundation	Fair	17	25-50%
201	Magnolia-Saucer	Foundation	Fair	4	25-50%
202	Magnolia-Sweetbay	Foundation	Fair	6	25-50%
210	Cedar-Atlas	Foundation	Fair	5	25-50%
211	Magnolia-Sweetbay (3)	Foundation	Fair	5	25-50%
212	Holly-Foster's	Foundation	Fair	5	25-50%
214	Sweetgum-Common	Foundation	Fair	13	25-50%
216	Holly-Foster's (6)	Foundation	Fair	5	25-50%
222	Magnolia-Sweetbay	Foundation	Fair	4	25-50%
228	Dogwood-Flowering	Foundation	Fair	8	25-50%
253	Maple-Crimson King	Foundation	Fair	15	25-50%
257	Maple-Crimson King	Foundation	Fair	18	25-50%
273	Redbud-Eastern	Foundation	Fair	9	25-50%
281	Pine-Eastern White	Foundation	Fair	12	25-50%
286	Cedar-Deodar	Foundation	Fair	12	25-50%
289	Plum-Purple Leaf	Foundation	Fair	10	25-50%
294	Maple-Japanese	Foundation	Fair	4	25-50%
329	Pear-Callery	Foundation	Fair	8	25-50%
330	Falsecypress-Hinoki	Foundation	Fair	8	25-50%
331	Falsecypress-Hinoki	Foundation	Fair	5	25-50%
343	Maple-Japanese	Foundation	Fair	3	25-50%
355	Crapemyrtle-Common	Foundation	Fair	6	25-50%
361	Maple-Japanese	Foundation	Fair	4	25-50%
369	Holly-Foster's	Foundation	Fair	3	25-50%
375	Cherry-Flowering	Foundation	Fair	6	25-50%
398	Maple-Japanese	Foundation	Fair	7	25-50%
401	Falsecypress-Hinoki	Foundation	Fair	4	25-50%
405	Arborvitae (2)	Foundation	Fair	6	25-50%
407	Falsecypress-Hinoki	Foundation	Fair	5	25-50%
409	Holly-Common Winterberry	Foundation	Fair	3	25-50%
410	Holly-Nellie R. Stevens	Foundation	Fair	5	25-50%
417	Magnolia-Saucer	Foundation	Fair	6	25-50%
420	Mimosa	Foundation	Fair	14	25-50%

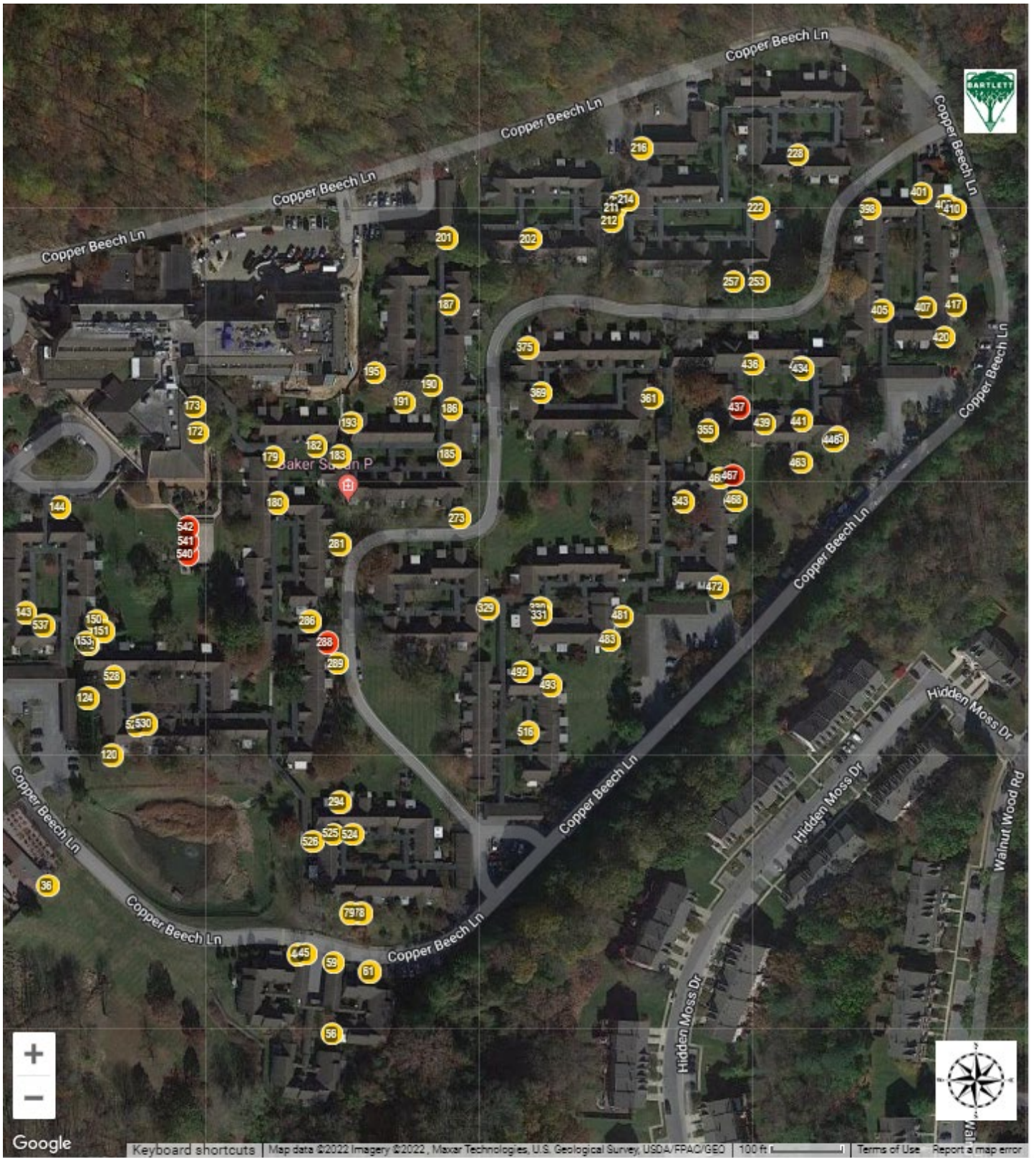
Tree ID	Common Name	Location Type	Location Value	DBH	Root Zone Infringement
433	Magnolia-Sweetbay	Foundation	Fair	8	25-50%
434	Magnolia-Sweetbay	Foundation	Fair	7	25-50%
436	Magnolia-Sweetbay	Foundation	Fair	5	25-50%
439	Magnolia-Sweetbay	Foundation	Fair	6	25-50%
441	Magnolia-Sweetbay	Foundation	Fair	7	25-50%
445	Dogwood-Kousa	Foundation	Fair	4	25-50%
446	Holly-Foster's	Foundation	Fair	3	25-50%
463	Willow	Foundation	Fair	7	25-50%
466	Maple-Japanese	Foundation	Fair	3	25-50%
468	Pear-Callery	Foundation	Fair	20	25-50%
472	Spruce-Colorado Blue	Foundation	Fair	7	25-50%
481	Dogwood-Kousa	Foundation	Fair	3	25-50%
483	Crapemyrtle-Common	Foundation	Fair	3	25-50%
492	Crapemyrtle-Common	Foundation	Fair	3	25-50%
493	Holly-Chinese	Foundation	Fair	4	25-50%
516	Viburnum	Foundation	Fair	4	25-50%
524	Crapemyrtle-Common	Foundation	Fair	3	25-50%
525	Magnolia-Sweetbay	Foundation	Fair	6	25-50%
526	Arborvitae-Green Giant (3)	Foundation	Fair	6	25-50%
528	Crapemyrtle-Common	Foundation	Fair	2	25-50%
529	Cedar-Atlas	Foundation	Fair	6	25-50%
530	Juniper	Foundation	Fair	5	25-50%
537	Holly-Foster's	Foundation	Fair	4	25-50%

INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE WEST



Location Value: ● Fair ● Poor

INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE EAST



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.

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.



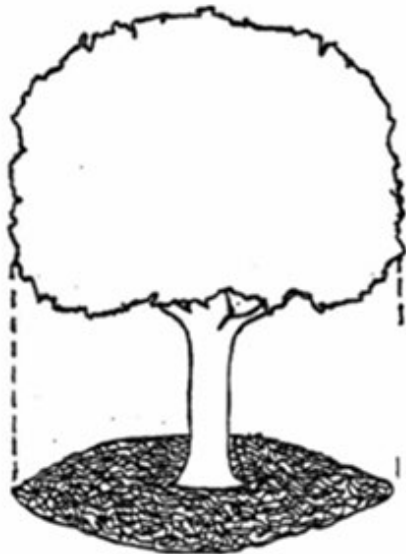
European copper beech #1 was recommended for Root Invigoration™.

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



Example of root density under grass versus mulch.



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:

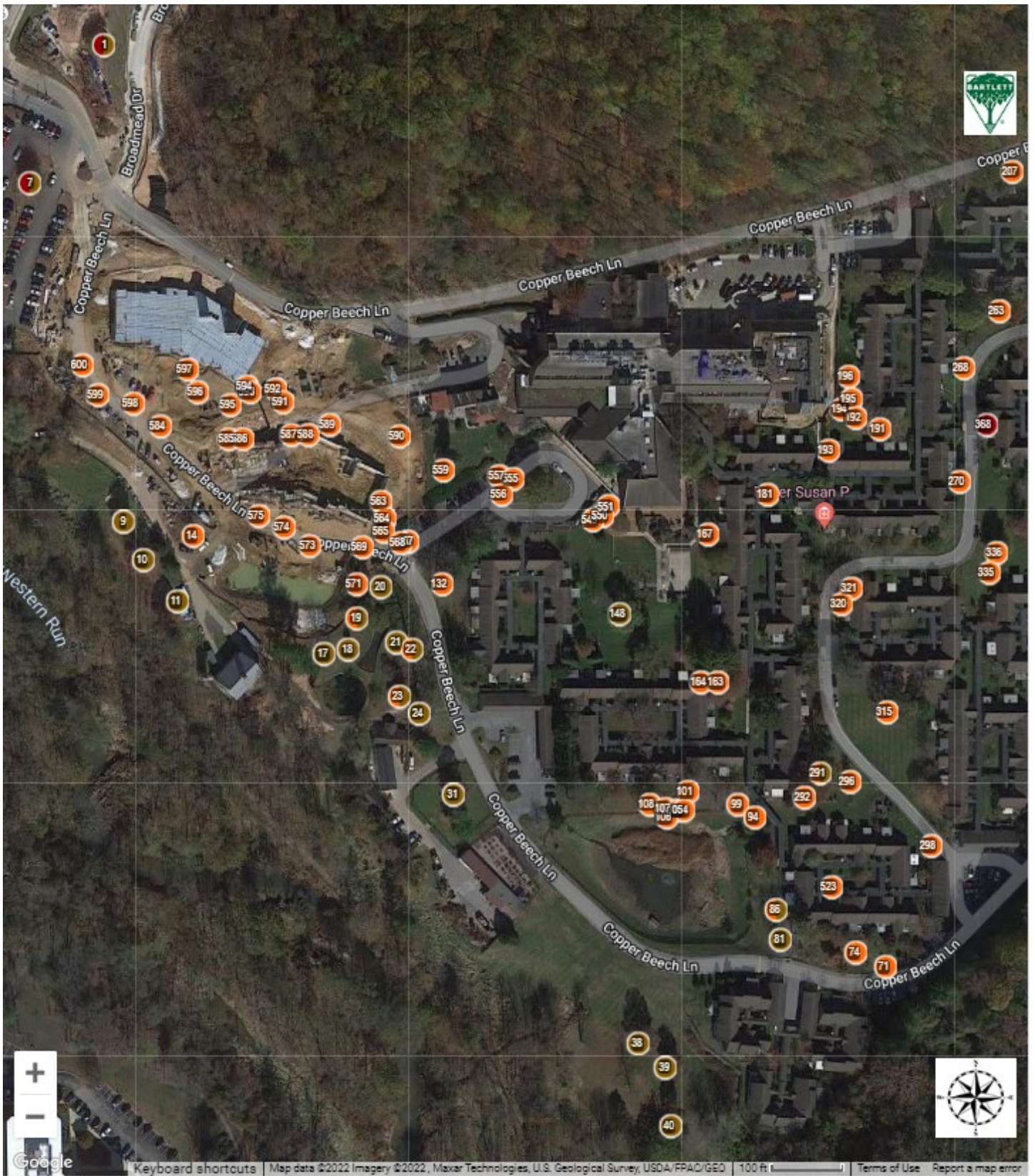
INVENTORIED TREES RECOMMENDED FOR SOIL CARE (125 Trees)

Tree ID	Common Name	DBH	Soil Care	Mulch Recommended
1	Beech-European Copper	24	• Root Invigoration™	Yes
7	Beech-European Copper	22	• Root Invigoration™	Yes
9	Oak-White	22	...	Yes
10	Oak-White	19	...	Yes
11	Oak-White	18	...	Yes
14	Beech-American	22	• Soil Rx®	...
17	Maple-Red	18	...	Yes
18	Maple-Sugar	6	...	Yes
19	Oak-Shumard	23	• Soil Rx®	Yes
20	Tupelo-Black	11	...	Yes
21	Tupelo-Black	16	...	Yes
22	Oak-White	37	• Soil Rx®	Yes
23	Holly-American	12,11,11	• Soil Rx®	Yes
24	Sycamore-American	33	...	Yes
31	Oak-White	20	...	Yes
38	Oak-White	20	...	Yes
39	Oak-White	17	...	Yes
40	Oak-White	15	...	Yes
71	Spruce-Norway	5	• Soil Rx®	...
74	Maple-Norway	12	• Soil Rx®	...
81	Maple-Red	26	...	Yes
86	Oak-Chestnut	6	• Soil Rx®	Yes
94	Birch-River	5,5	• Soil Rx®	...
99	Maple-Red	22	• Soil Rx®	...
101	Maple-Red	29	• Soil Rx®	...
104	Birch-River	6,5,4	• Soil Rx®	...
105	Birch-River	6,5,5	• Soil Rx®	...
106	Birch-River	6,6,5	• Soil Rx®	...
107	Birch-River	5,4,4	• Soil Rx®	...
108	Oak-Scarlet	27	• Soil Rx®	...
132	Oak-Pin	26	• Soil Rx®	...
148	Pagodatree-Japanese	35	...	Yes
163	Oak-Shumard	35	• Soil Rx®	...
164	Oak-Shumard	33	• Soil Rx®	...
167	Oak-Pin	19	• Soil Rx®	...
181	Ash-White	9	• Soil Rx®	...
191	Maple-Sugar	23	• Soil Rx®	...
192	Beech-American	16	• Soil Rx®	...
193	Spruce-Norway	9	• Soil Rx®	...

Tree ID	Common Name	DBH	Soil Care	Mulch Recommended
194	Leyland Cypress	9	• Soil Rx ®	...
195	Beech-American	17	• Soil Rx ®	...
196	Yellowwood	17	• Soil Rx ®	...
207	Oak-Northern Red	25	• Soil Rx ®	...
208	Oak-Northern Red	25	• Soil Rx ®	...
232	Maple-Red	12	• Soil Rx ®	...
233	Oak-Northern Red	36	• Root Invigoration™	Yes
237	Oak-Pin	24	• Soil Rx ®	Yes
239	Maple-Crimson King	16	• Soil Rx ®	...
250	Oak-Northern Red	27	• Soil Rx ®	...
261	Oak-Pin	27	• Soil Rx ®	...
262	Oak-Pin	28	• Soil Rx ®	...
263	Oak-Shumard	30	• Soil Rx ®	...
268	Holly-American (3)	5,4	• Soil Rx ®	...
270	Hornbeam-American	11,9,7	• Soil Rx ®	...
291	Oak-Pin	23	• Soil Rx ®	Yes
292	Oak-Shumard	28	• Soil Rx ®	...
296	Oak-White	7	• Soil Rx ®	...
298	Maple-Sugar	15	• Soil Rx ®	...
315	Oak-Pin	23	• Soil Rx ®	...
320	Oak-Northern Red	24	• Soil Rx ®	...
321	Oak-Northern Red	18	• Soil Rx ®	...
335	Tupelo-Black	4	• Soil Rx ®	...
336	Oak-Willow	21	• Soil Rx ®	...
349	Oak-Pin	25	• Root Invigoration™	...
350	Oak-Pin	20	• Root Invigoration™	...
351	Oak-Pin	23	• Root Invigoration™	...
353	Oak-Pin	23	• Soil Rx ®	...
354	Oak-Pin	26	• Soil Rx ®	...
357	Oak-Northern Red	25	• Soil Rx ®	...
363	Oak-Pin	23	• Root Invigoration™	...
364	Linden-Littleleaf	17	• Soil Rx ®	...
368	Oak-Pin	20	• Root Invigoration™	...
393	Oak-Northern Red	24	• Soil Rx ®	...
411	Cedar-Atlas	7,6	• Soil Rx ®	...
415	Oak-Northern Red	16	• Soil Rx ®	...
425	Dogwood-Flowering	12	• Soil Rx ®	...
432	Lilac-Japanese Tree	7,6,5	• Soil Rx ®	...
435	Magnolia-Sweetbay	3,3,3	• Soil Rx ®	...
438	Magnolia-Sweetbay	5,4,4	• Soil Rx ®	...
440	Lilac-Japanese Tree	6,6,6	• Soil Rx ®	...
460	Yellowwood	14,14,13	• Soil Rx ®	...
461	Oak-Willow	32	• Soil Rx ®	...
523	Maple-Japanese	5,4,4	• Soil Rx ®	...

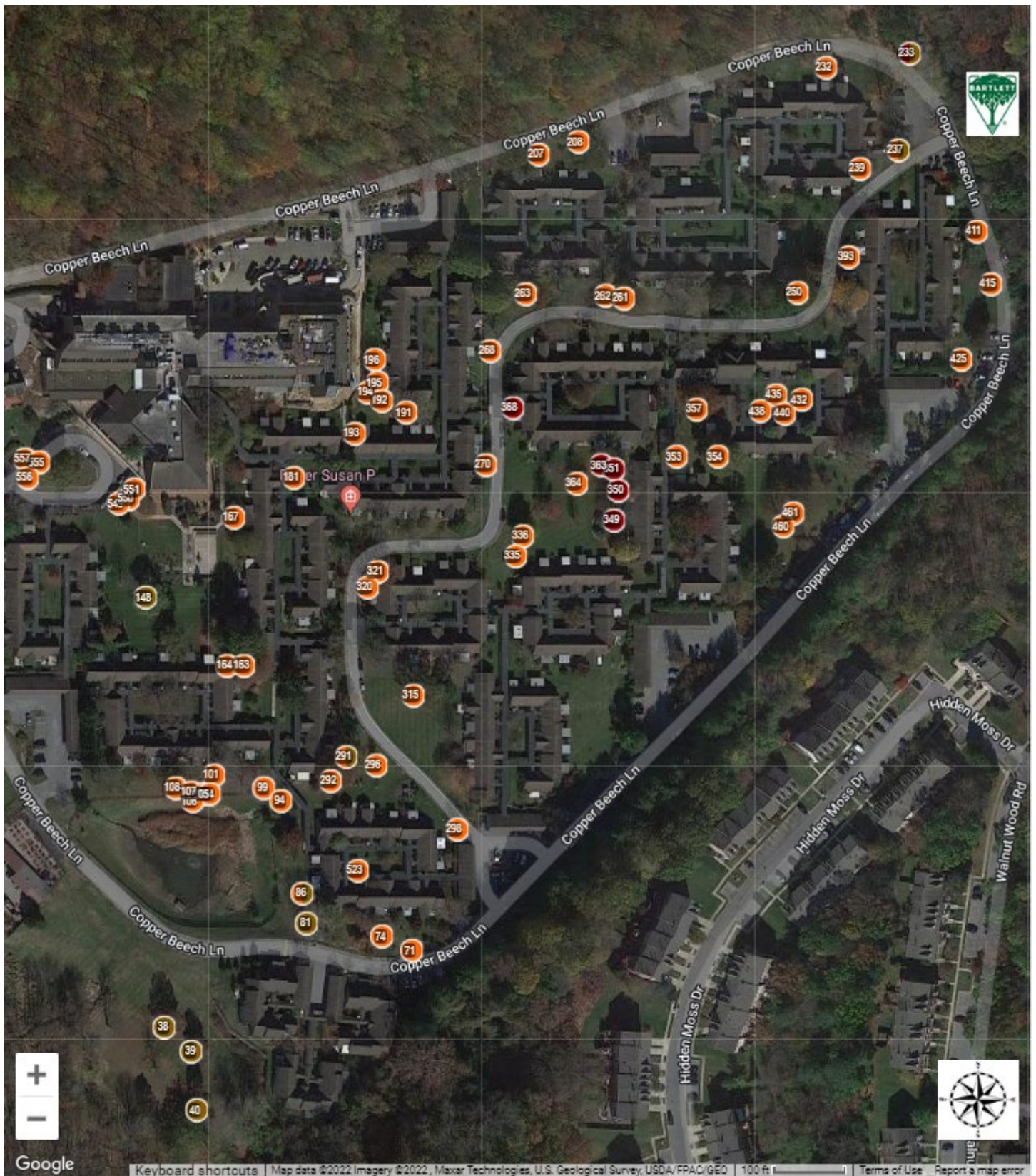
Tree ID	Common Name	DBH	Soil Care	Mulch Recommended
549	Magnolia-Sweetbay	3,2,2	• Soil Rx ®	...
550	Magnolia-Sweetbay	3,2,1	• Soil Rx ®	...
551	Magnolia-Sweetbay	3,3,3	• Soil Rx ®	...
555	Magnolia-Sweetbay	2,2,2	• Soil Rx ®	...
556	Linden-American	2	• Soil Rx ®	...
557	Linden-American	2	• Soil Rx ®	...
559	Holly-American	7,5	• Soil Rx ®	...
563	Holly-American (5)	2	• Soil Rx ®	...
564	Hackberry	2	• Soil Rx ®	...
565	Oak-Swamp White	3	• Soil Rx ®	...
567	Hackberry	2	• Soil Rx ®	...
568	Hackberry	2	• Soil Rx ®	...
569	Hackberry	2	• Soil Rx ®	...
571	Elm-Chinese	2	• Soil Rx ®	...
573	Elm-Chinese	3	• Soil Rx ®	...
574	Oak-Willow	2	• Soil Rx ®	...
575	Oak-Willow	2	• Soil Rx ®	...
584	Linden-American	2	• Soil Rx ®	...
585	Tupelo-Black	2	• Soil Rx ®	...
586	Linden-American	2	• Soil Rx ®	...
587	Linden-American	2	• Soil Rx ®	...
588	Tupelo-Black	2	• Soil Rx ®	...
589	Linden-American	2	• Soil Rx ®	...
590	Oak-Pin	2	• Soil Rx ®	...
591	Tupelo-Black	2	• Soil Rx ®	...
592	Tupelo-Black	2	• Soil Rx ®	...
593	Tupelo-Black	2	• Soil Rx ®	...
594	Holly-American (3)	2	• Soil Rx ®	...
595	Hackberry	2	• Soil Rx ®	...
596	Hackberry	2	• Soil Rx ®	...
597	Hackberry	2	• Soil Rx ®	...
598	Tupelo-Black	2	• Soil Rx ®	...
599	Elm-Chinese	2	• Soil Rx ®	...
600	Oak-Pin	2	• Soil Rx ®	...

INVENTORIED TREES RECOMMENDED FOR SOIL CARE WEST



Soil Care: ● Root Invigoration™ ● Soil Rx® ● Mulch ● Root Invigoration™/Mulch ● Soil Rx®/Mulch

INVENTORIED TREES RECOMMENDED FOR SOIL CARE EAST



Soil Care: ● Root Invigoration™ ● Soil Rx® ● Mulch ● Root Invigoration™/Mulch ● Soil Rx®/Mulch

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 (201 Trees)

Tree ID	Common Name	DBH	Root Collar Observation
1	Beech-European Copper	24	• Buried root collar
4	Sweetgum-Common	18	• Buried root collar
5	Sweetgum-Common	18	• Buried root collar
6	Sweetgum-Common	15	• Buried root collar
7	Beech-European Copper	22	• Girdling roots present (moderate)
18	Maple-Sugar	6	• Buried root collar
19	Oak-Shumard	23	• Buried root collar
44	Redbud-Eastern	6,4	• Buried root collar
45	Redbud-Eastern	5,4,4	• Buried root collar
48	Redbud-Eastern	4	• Buried root collar
54	Maple-Red	4	• Buried root collar
56	Redbud-Eastern	6	• Buried root collar
57	Redbud-Eastern	6	• Buried root collar
58	Maple-Red	7	• Buried root collar
59	Redbud-Eastern	5,5,5	• Buried root collar
61	Hawthorn	6	• Buried root collar
62	Hawthorn	6	• Buried root collar
68	Redbud-Eastern	8,7,6	• Buried root collar
69	Maple-Japanese	10	• Buried root collar
70	Tupelo-Black	5	• Buried root collar
71	Spruce-Norway	5	• Buried root collar
72	Fringetree-White	4	• Buried root collar
73	Spruce-Norway	6	• Buried root collar
74	Maple-Norway	12	• Girdling roots present
75	Maple-Amur	10	• Buried root collar
76	Maple-Amur	10	• Buried root collar
77	Crapemyrtle-Common	3,3	• Buried root collar
80	Cherry-Flowering	8	• Buried root collar
88	Maple-Red	4	• Buried root collar
89	Redbud-Eastern	6	• Buried root collar
90	Zelkova-Japanese	9	• Buried root collar
91	Zelkova-Japanese	12	• Buried root collar
92	Redbud-Eastern	5	• Buried root collar
93	Redbud-Eastern	5	• Buried root collar
94	Birch-River	5,5	• Buried root collar
97	Pine-Eastern White	6	• Buried root collar
98	Pine-Eastern White	6	• Buried root collar
100	Maple-Red	14	• Girdling roots present
110	Cherry-Flowering	11	• Buried root collar

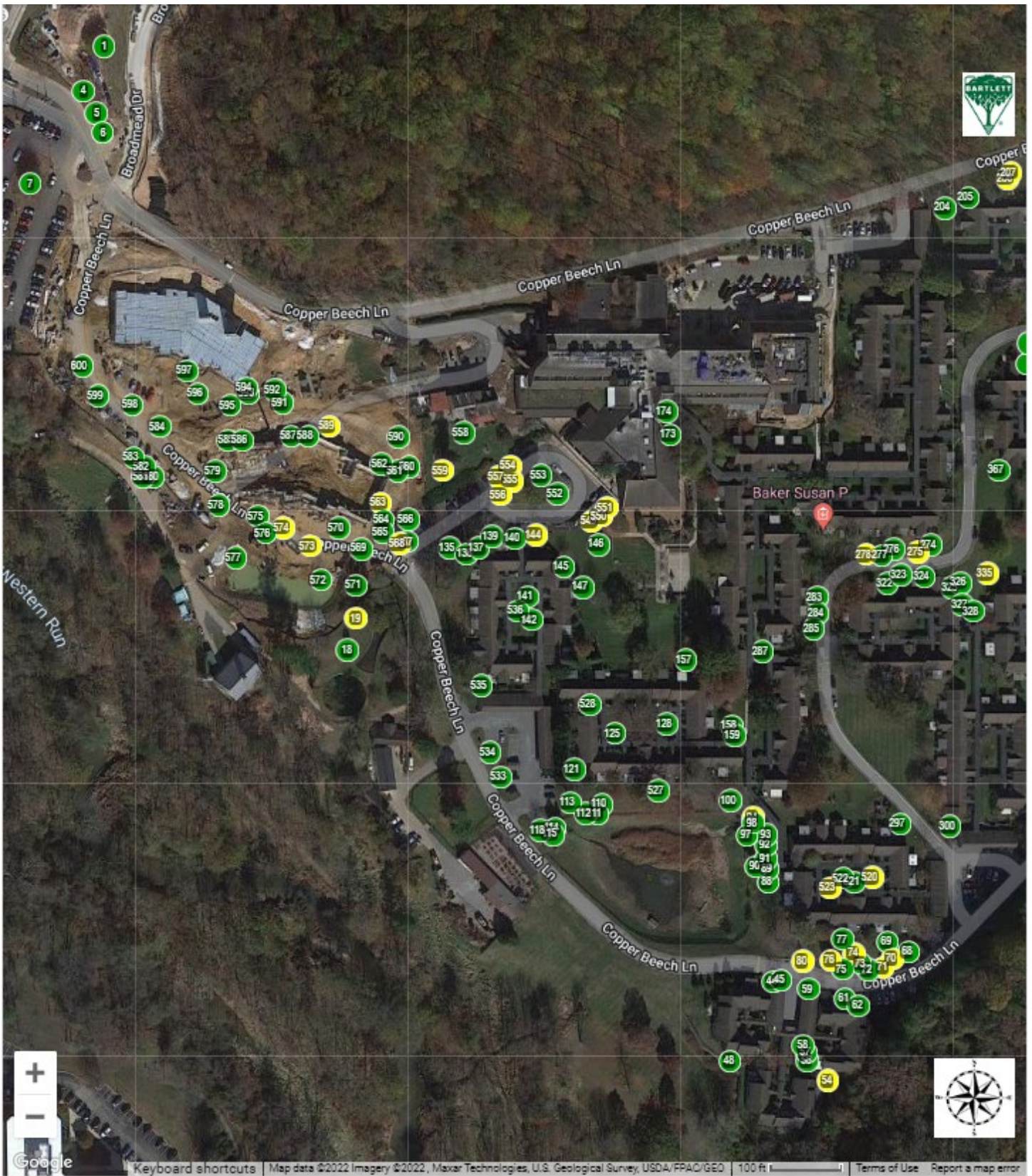
Tree ID	Common Name	DBH	Root Collar Observation
111	Cherry-Flowering	7	• Buried root collar
112	Cherry-Flowering	7	• Buried root collar
113	Oak-Northern Red	29	• Girdling roots present
114	Leyland Cypress (3)	7	• Buried root collar
115	Redbud-Eastern	6	• Buried root collar
118	Maple-Red	10	• Buried root collar
121	Redbud-Eastern	3	• Buried root collar
125	Maple-Red	3	• Buried root collar
128	Cherry-Flowering	3	• Buried root collar
135	Pine-Eastern White	19	• Girdling roots present
136	Pine-Eastern White	19	• Girdling roots present
137	Pine-Eastern White	18	• Girdling roots present (moderate)
139	Pine-Eastern White	10	• Buried root collar
140	Crapemyrtle-Common	4,4,4	• Buried root collar
141	Maple-Red	8	• Buried root collar
142	Hawthorn	3	• Buried root collar
144	Maple-Red	12	• Buried root collar
145	Crabapple	13	• Girdling roots present
146	Magnolia-Southern	13,8	• Buried root collar
147	Magnolia-Sweetbay	5,5,4	• Buried root collar
157	Maple-Red	8	• Buried root collar
158	Styrax-Japanese Snowbell	10	• Buried root collar
159	Ginkgo	3	• Buried root collar
173	Maple-Red	25	• Girdling roots present
174	Cherry-Weeping	7	• Buried root collar
204	Maple-Red	4	• Buried root collar
205	Birch-River	3,3,3	• Buried root collar
206	Pear-Callery	24	• Buried root collar
207	Oak-Northern Red	25	• Girdling roots present
209	Maple-Red	13	• Girdling roots present
210	Cedar-Atlas	5	• Buried root collar
211	Magnolia-Sweetbay (3)	5	• Buried root collar
230	Dogwood-Kousa	5	• Buried root collar
231	Maple-Red	14	• Buried root collar
232	Maple-Red	12	• Buried root collar
274	Elm-Chinese	9,6	• Buried root collar
275	Hawthorn	7	• Buried root collar
276	Hawthorn	7,5,5	• Buried root collar
277	Hawthorn	7,5,5	• Buried root collar
278	Pine-Japanese Black	11	• Buried root collar
283	Spruce-Colorado Blue	7	• Buried root collar
284	Spruce-Colorado Blue	6	• Buried root collar
285	Spruce-Colorado Blue	8	• Buried root collar
287	Crabapple	6	• Buried root collar

Tree ID	Common Name	DBH	Root Collar Observation
297	Elm-Chinese	4	• Buried root collar
300	Maple-Paperbark	3	• Buried root collar
322	Birch-River	6,5,3	• Buried root collar
323	Maple-Red	3	• Buried root collar
324	Hawthorn	3	• Buried root collar
325	Maple-Japanese	7	• Buried root collar
326	Ginkgo	5	• Buried root collar
327	Cherry-Weeping	3	• Buried root collar
328	Dogwood-Kousa	3,3,3	• Buried root collar
335	Tupelo-Black	4	• Buried root collar
364	Linden-Littleleaf	17	• Buried root collar
365	Holly-Nellie R. Stevens	6	• Buried root collar...
367	Styrax-Japanese Snowbell	5	• Buried root collar
373	Maple-Sugar	3	• Buried root collar
376	Maple-Japanese	6,3	• Buried root collar
377	Maple-Red	16	• Girdling roots present
378	Maple-Red	10	• Buried root collar
379	Maple-Red	17	• Girdling roots present (moderate)
380	Magnolia-Sweetbay	3,3,3	• Buried root collar
384	Maple-Red	6	• Buried root collar
387	Maple-Red	6	• Buried root collar
411	Cedar-Atlas	7,6	• Buried root collar
412	Pine-Eastern White	24	• Girdling roots present
413	Dogwood-Kousa	4,3,3	• Buried root collar
414	Dogwood-Flowering	5,4,4	• Buried root collar
416	Crapemyrtle-Common	2,2,2	• Buried root collar
428	Birch-River	6,6,6	• Buried root collar
429	Birch-River	4,4,4	• Buried root collar
430	Birch-River	3,3,3	• Buried root collar
431	Birch-River	3,3,3	• Buried root collar
447	Magnolia-Southern	3	• Buried root collar
448	Leyland Cypress	3	• Buried root collar
449	Redbud-Eastern	3,3	• Buried root collar
450	Crapemyrtle-Common	4,3,3	• Buried root collar
451	Crapemyrtle-Common	4,3,3	• Buried root collar
452	Crapemyrtle-Common	3,2,2	• Buried root collar
453	Willow-Babylon Weeping	4	• Buried root collar
454	Parrotia-Persian	8,7,7	• Buried root collar
459	Pear-Callery	28	• Buried root collar
466	Maple-Japanese	3,3,3	• Buried root collar
470	Yellowwood	10,9,8	• Girdling roots present
478	Hawthorn	9	• Buried root collar
479	Hawthorn	9,5	• Buried root collar
480	Crapemyrtle-Common	2,2,2	• Buried root collar

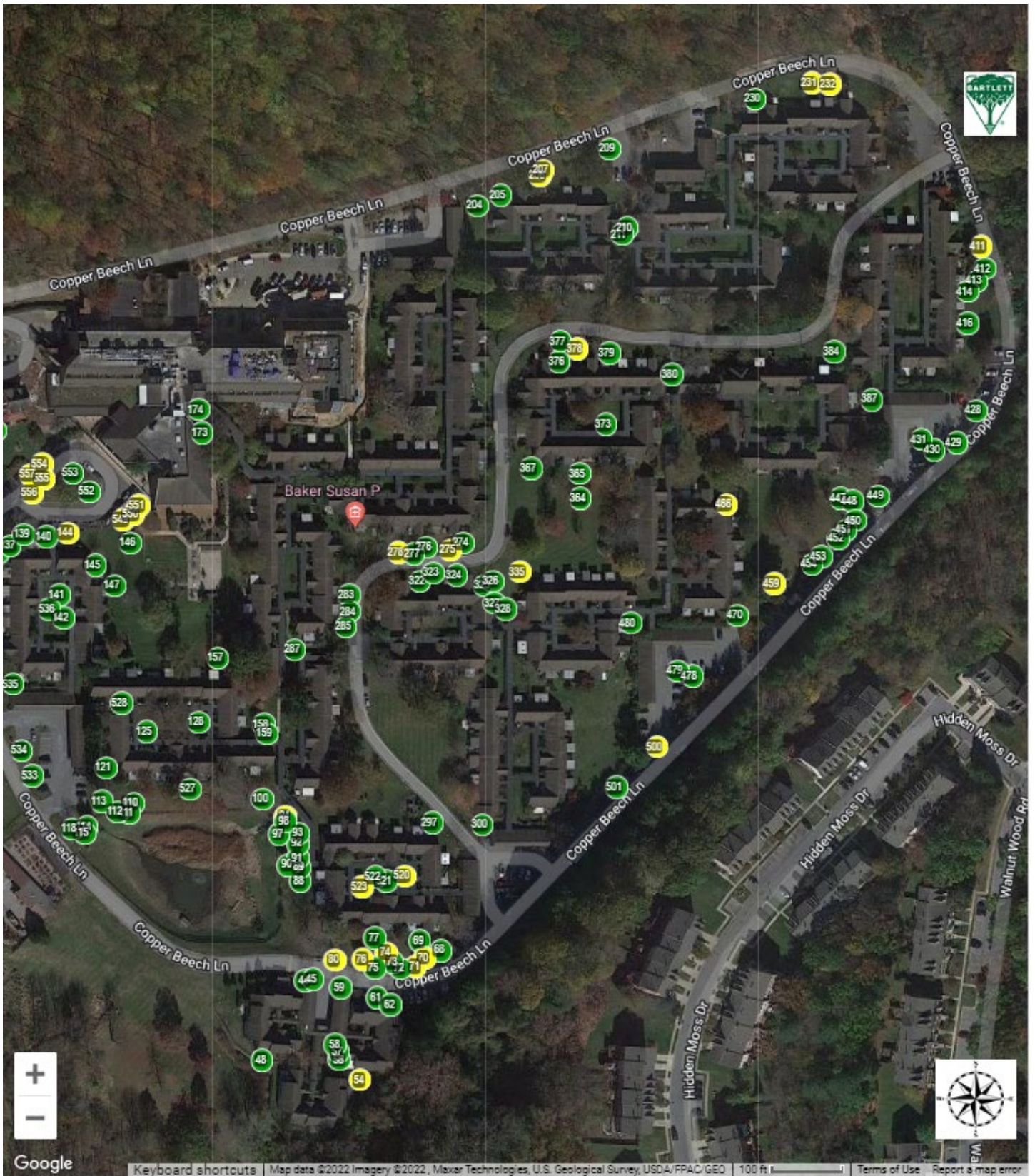
Tree ID	Common Name	DBH	Root Collar Observation
500	Redbud-Eastern	5	• Buried root collar
501	Redbud-Eastern	3	• Buried root collar
520	Dogwood-Flowering	4	• Buried root collar
521	Maple-Red	9	• Buried root collar
522	Holly-American	3	• Buried root collar
523	Maple-Japanese	5,4,4	• Buried root collar
527	Dogwood-Flowering	2	• Buried root collar
528	Crapemyrtle-Common	2,2,2	• Buried root collar
533	Linden-American	4	• Buried root collar
534	Linden-American	4	• Buried root collar
535	Redbud-Eastern	4	• Girdling roots present
536	Redbud-Eastern	3,2,2	• Buried root collar
549	Magnolia-Sweetbay	3,2,2	• Buried root collar
550	Magnolia-Sweetbay	3,2,1	• Buried root collar
551	Magnolia-Sweetbay	3,3,3	• Buried root collar
552	Crapemyrtle-Common	3,2,2	• Buried root collar
553	Crapemyrtle-Common	3,2,2	• Buried root collar
554	Linden-American	2	• Buried root collar
555	Magnolia-Sweetbay	2,2,2	• Buried root collar
556	Linden-American	2	• Buried root collar
557	Linden-American	2	• Buried root collar
558	Magnolia-Saucer	4,4,4	• Buried root collar
559	Holly-American	7,5	• Buried root collar
560	Redbud-Eastern	2	• Buried root collar
561	Redbud-Eastern	3	• Buried root collar
562	Redbud-Eastern	2	• Buried root collar
563	Holly-American (5)	2	• Buried root collar
564	Hackberry	2	• Buried root collar
565	Oak-Swamp White	3	• Buried root collar
566	Oak-Pin	3	• Buried root collar
567	Hackberry	2	• Buried root collar
568	Hackberry	2	• Buried root collar
569	Hackberry	2	• Buried root collar
570	Oak-Willow	2	• Buried root collar
571	Elm-Chinese	2	• Buried root collar
572	Elm-Chinese	3	• Buried root collar
573	Elm-Chinese	3	• Buried root collar
574	Oak-Willow	2	• Buried root collar
575	Oak-Willow	2	• Buried root collar
576	Elm-Chinese	2	• Buried root collar
577	Elm-Chinese	2	• Buried root collar
578	Elm-Chinese	2	• Buried root collar
579	Linden-American	2	• Buried root collar
580	Redbud-Eastern	2	• Buried root collar

Tree ID	Common Name	DBH	Root Collar Observation
581	Redbud-Eastern	2	• Buried root collar
582	Redbud-Eastern	2	• Buried root collar
583	Redbud-Eastern	2	• Buried root collar
584	Linden-American	2	• Buried root collar
585	Tupelo-Black	2	• Buried root collar
586	Linden-American	2	• Buried root collar
587	Linden-American	2	• Buried root collar
588	Tupelo-Black	2	• Buried root collar
589	Linden-American	2	• Buried root collar
590	Oak-Pin	2	• Buried root collar
591	Tupelo-Black	2	• Buried root collar
592	Tupelo-Black	2	• Buried root collar
593	Tupelo-Black	2	• Buried root collar
594	Holly-American (3)	2	• Buried root collar
595	Hackberry	2	• Buried root collar
596	Hackberry	2	• Buried root collar
597	Hackberry	2	• Buried root collar
598	Tupelo-Black	2	• Buried root collar
599	Elm-Chinese	2	• Buried root collar
600	Oak-Pin	2	• Buried root collar

INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION WEST



INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION EAST



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



Northern red oak #415 had bacterial leaf scorch present.

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 (77 Trees)

Tree ID	Common Name	DBH	Condition	Plant Health Care	Pest(s) or Disease(s)
12	Hemlock-Canadian	12	Good	• Adelgid treatment	• Adelgid
13	Hemlock-Canadian	8,7,7,7	Good	• Adelgid treatment	• Adelgid
19	Oak-Shumard	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
61	Hawthorn	6	Good	• Rust treatment	• Rust
62	Hawthorn	6	Good	• Rust treatment	• Rust
74	Maple-Norway	12	Fair	• Bleeding canker • Root rot treatment	• Bleeding • Cankers • Phytophthora (suspected)
77	Crapemyrtle-Common	3,3,3	Good	• Aphid treatment	• Aphids
78	Dogwood-Flowering	10	Fair	• Root rot treatment	• Phytophthora (suspected)
95	Pine-Eastern White	8	Good	• Adelgid treatment	• Adelgid
96	Pine-Eastern White	6	Good	• Adelgid treatment	• Adelgid
97	Pine-Eastern White	6	Good	• Adelgid treatment	• Adelgid
98	Pine-Eastern White	6	Good	• Adelgid treatment	• Adelgid
108	Oak-Scarlet	27	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
113	Oak-Northern Red	29	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
116	Ash-White	5	Fair	• EAB treatment	• Emerald ash borer (suspected)
117	Ash-White	5	Fair	• EAB treatment	• Emerald ash borer (suspected)
132	Oak-Pin	26	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
167	Oak-Pin	19	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
181	Ash-White	9	Good	• EAB treatment	• Emerald ash borer (suspected)
191	Maple-Sugar	23	Fair	• Root rot treatment	• Phytophthora (suspected)
192	Beech-American	16	Fair	• Root rot treatment	• Phytophthora (suspected)
193	Spruce-Norway	9	Fair	• Root rot treatment	• Phytophthora (suspected)
194	Leyland Cypress	9	Fair	• Root rot treatment	• Phytophthora (suspected)
195	Beech-American	17	Fair	• Root rot treatment	• Phytophthora (suspected)
196	Yellowwood	17	Fair	• Root rot treatment	• Phytophthora (suspected)
207	Oak-Northern Red	25	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)

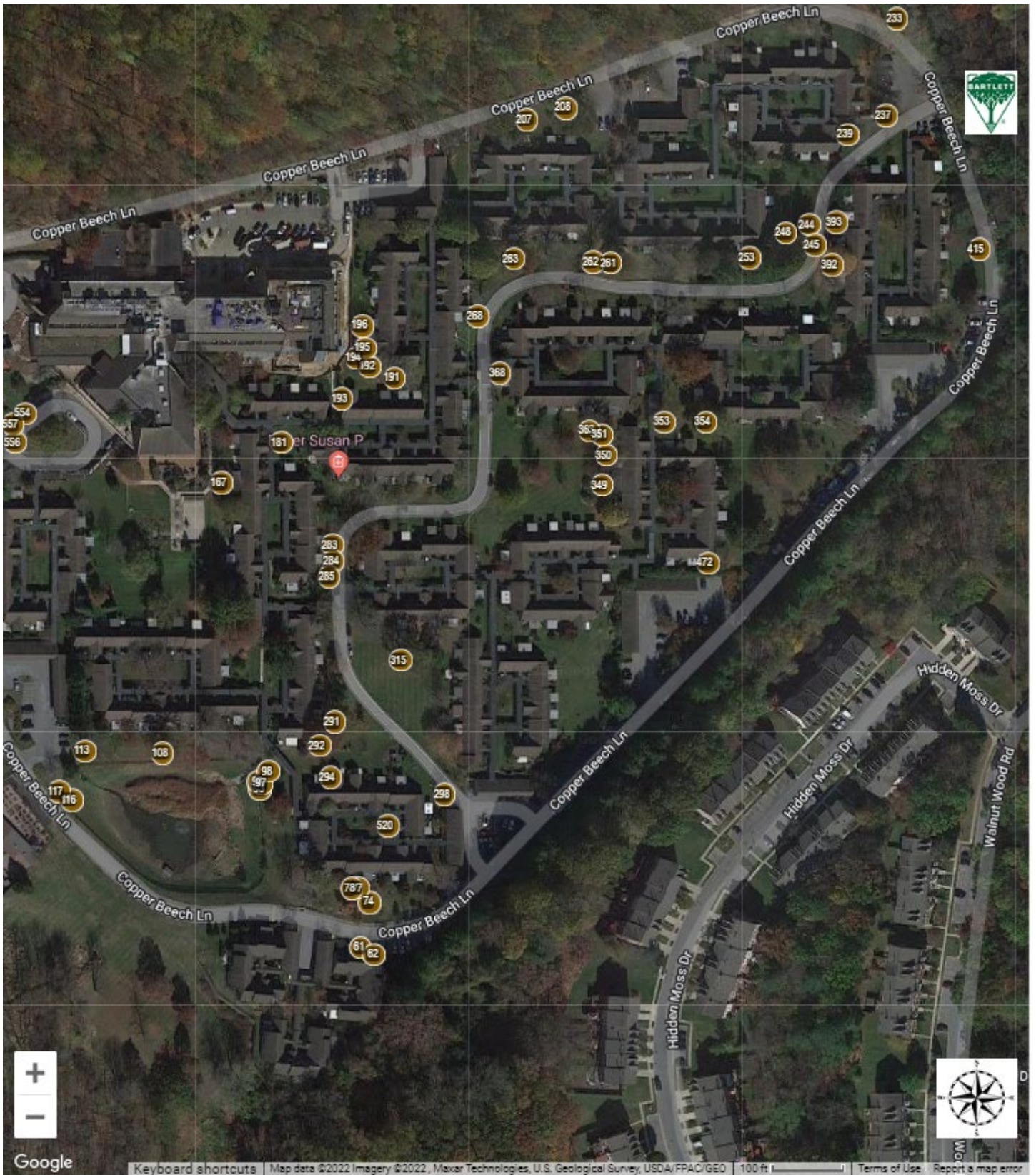
Tree ID	Common Name	DBH	Condition	Plant Health Care	Pest(s) or Disease(s)
208	Oak-Northern Red	25	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
233	Oak-Northern Red	36	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
237	Oak-Pin	24	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
239	Maple-Crimson King	16	Fair	• Root rot treatment	• Phytophthora (suspected)
244	Hemlock-Canadian	9,9,9	Fair	• Adelgid treatment • Root rot treatment	• Adelgid • Phytophthora (suspected)
245	Hemlock-Canadian	5,3,3	Fair	• Adelgid treatment • Root rot treatment	• Adelgid • Phytophthora (suspected)
248	Spruce-Colorado Blue	6	Fair	• Needlecast treatment	• Needlecast
253	Maple-Crimson King	15	Good	• Bleeding canker	• Bleeding • Cankers
261	Oak-Pin	27	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
262	Oak-Pin	28	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
263	Oak-Shumard	30	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
268	Holly-American (3)	5,4,4	Fair	• Root rot treatment	• Phytophthora (suspected)
283	Spruce-Colorado Blue	7	Good	• Mite treatment • Needlecast treatment	• Mites • Needlecast
284	Spruce-Colorado Blue	6	Good	• Mite treatment • Needlecast treatment	• Mites • Needlecast
285	Spruce-Colorado Blue	8	Good	• Mite treatment • Needlecast treatment	• Mites • Needlecast
291	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
292	Oak-Shumard	28	Good	• Bleeding canker	• Bleeding • Cankers
294	Maple-Japanese	4	Fair	• Root rot treatment	• Phytophthora (suspected)
298	Maple-Sugar	15	Fair	• Root rot treatment	• Phytophthora (suspected)
315	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
349	Oak-Pin	25	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
350	Oak-Pin	20	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
351	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
353	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
354	Oak-Pin	26	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)

Tree ID	Common Name	DBH	Condition	Plant Health Care	Pest(s) or Disease(s)
363	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bagworms
368	Oak-Pin	20	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
392	Maple-Sugar	20	Good	• Bleeding canker	• Bleeding • Cankers
393	Oak-Northern Red	24	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
415	Oak-Northern Red	16	Fair	• Bleeding canker • Bacterial leaf scorch	• Bacterial leaf scorch (suspected) • Cankers • Bleeding
472	Spruce-Colorado Blue	7	Fair	• Needlecast treatment	• Needlecast
520	Dogwood-Flowering	4	Fair	• Powdery mildew treatment	• Powdery mildew
554	Linden-American	2	Fair	• Scale treatment	• Scale
556	Linden-American	2	Fair	• Scale treatment	• Scale
557	Linden-American	2	Fair	• Scale treatment	• Scale
570	Oak-Willow	2	Good	• Scale treatment	• Scale
571	Elm-Chinese	2	Good	• Scale treatment	• Scale
572	Elm-Chinese	3	Good	• Scale treatment	• Scale
573	Elm-Chinese	3	Fair	• Scale treatment	• Scale
576	Elm-Chinese	2	Good	• Scale treatment	• Scale
577	Elm-Chinese	2	Good	• Scale treatment	• Scale
578	Elm-Chinese	2	Good	• Scale treatment	• Scale
579	Linden-American	2	Good	• Scale treatment	• Scale
584	Linden-American	2	Good	• Scale treatment	• Scale
585	Tupelo-Black	2	Good	• Scale treatment	• Scale
586	Linden-American	2	Good	• Scale treatment	• Scale
587	Linden-American	2	Good	• Scale treatment	• Scale
588	Tupelo-Black	2	Good	• Scale treatment	• Scale
589	Linden-American	2	Fair	• Scale treatment	• Scale

INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE WEST



INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE EAST



INVENTORIED TREES IDENTIFIED FOR BACTERIAL LEAF SCORCH (23 Trees)

Tree ID	Common Name	DBH	Condition	Plant Health Care	Pest(s) or Disease(s)
19	Oak-Shumard	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
108	Oak-Scarlet	27	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
113	Oak-Northern Red	29	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
132	Oak-Pin	26	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
167	Oak-Pin	19	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
207	Oak-Northern Red	25	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
208	Oak-Northern Red	25	Good	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
233	Oak-Northern Red	36	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
237	Oak-Pin	24	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
261	Oak-Pin	27	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
262	Oak-Pin	28	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
263	Oak-Shumard	30	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
291	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
292	Oak-Shumard	28	Good	• Bleeding canker	• Bleeding • Cankers
315	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
349	Oak-Pin	25	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
350	Oak-Pin	20	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
351	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
353	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
354	Oak-Pin	26	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
363	Oak-Pin	23	Fair	• Bacterial leaf scorch	• Bagworms
368	Oak-Pin	20	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)
393	Oak-Northern Red	24	Fair	• Bacterial leaf scorch	• Bacterial leaf scorch (suspected)

Tree ID	Common Name	DBH	Condition	Plant Health Care	Pest(s) or Disease(s)
415	Oak-Northern Red	16	Fair	<ul style="list-style-type: none"> • Bleeding canker • Bacterial leaf scorch 	<ul style="list-style-type: none"> • Bacterial leaf scorch (suspected) • Cankers • Bleeding

INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE (BACTERIAL LEAF SCORCH)



Condition: ● Good ● Fair

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.

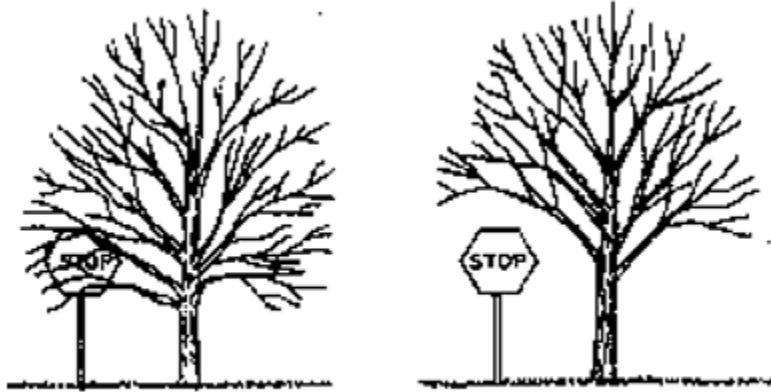


Illustration of raising branch elevation to improve clearance.

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.

Risk Mitigation Pruning

Any tree identified with a Risk Mitigation Pruning category to reduce the *Overall Tree Risk Rating*, was previously summarized in the Tree Risk Assessments and Mitigation section earlier in the document.

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 (429 Trees)

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
163	Oak-Shumard	35	ASAP	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Hanger • Overextended branch
164	Oak-Shumard	33	ASAP	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
259	Maple-Silver	31	ASAP	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Broken branch(s) • Cavity-branch • Co-dominant stems • Dead branches >2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
351	Oak-Pin	23	ASAP	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Dieback (moderate) • Overextended branch
363	Oak-Pin	23	ASAP	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
8	Tupelo-Black	37	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
36	Cherry-Black	15	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Sweep • Uneven crown
37	Tuliptree	18,16,15	1	<ul style="list-style-type: none"> • Repair storm damage • Reduce risk of branch stem and/or root failure • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch • Storm damage
44	Redbud-Eastern	6,4	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch
45	Redbud-Eastern	5,4,4	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch
51	Maple-Norway	18	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Dead branches >2 • Lean • Overextended branch • Uneven crown
67	Maple-Silver	19,13,11	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
78	Dogwood-Flowering	10	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Fungi/conks • Low vigor • Overextended branch • Uneven crown
81	Maple-Red	26	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Broken branch(s) • Cavity-stem • Co-dominant stems
82	Maple-Red	18	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Lean • Overextended branch • Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
99	Maple-Red	22	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Broken branch(s) • Co-dominant stems • Dead branches >2 • Decay-root flare • Included bark • Overextended branch
100	Maple-Red	14	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Girdling roots present • Overextended branch
101	Maple-Red	29	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Included bark • Overextended branch
108	Oak-Scarlet	27	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
109	Maple-Japanese	9,8,7	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
113	Oak-Northern Red	29	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Girdling roots present • Overextended branch
119	Holly-Nellie R. Stevens	7,7,6	1	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
120	Dogwood-Kousa	4,3,3	1	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
122	Leyland Cypress (20)	7	1	<ul style="list-style-type: none"> • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Overextended branch
126	Birch-River	18,16	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch
127	Cherry-Flowering	22	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
129	Hornbeam-American	8,7,6	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
130	Pear-Callery	23	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Included bark • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
132	Oak-Pin	26	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Reduce density 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
134	Pine-Eastern White	13	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Overextended branch • Uneven crown
135	Pine-Eastern White	19	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Dead branches >2 • Girdling roots present • Overextended branch
136	Pine-Eastern White	19	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Dead branches >2 • Girdling roots present • Overextended branch
137	Pine-Eastern White	18	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Dead branches >2 • Girdling roots present (moderate) • Overextended branch
138	Maple-Red	29	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
143	Holly-Nellie R. Stevens	8,5,5	1	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
151	Holly-Nellie R. Stevens	6,5,4	1	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
152	Leyland Cypress	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch • Uneven crown
153	Leyland Cypress	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch • Uneven crown
160	Pear-Callery	19	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch
161	Pear-Callery	12,9	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
162	Pear-Callery	14	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch
165	Hornbeam-American	28	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Broken branch(s) • Co-dominant stems • Overextended branch
166	Hornbeam-American	13,9	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
167	Oak-Pin	19	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
170	Maple-Red	17	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch
171	Styrax-Japanese Snowbell	8	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Lean • Overextended branch
172	Maple-Red	28	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Broken branch(s) • Co-dominant stems • Overextended branch
173	Maple-Red	25	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Girdling roots present • Overextended branch
175	Redbud-Eastern	14	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
176	Magnolia-Sweetbay	6,5,4	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Low vigor • Overextended branch
177	Magnolia-Sweetbay	6,4,4	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
178	Magnolia-Sweetbay	4,4,4	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
179	Crapemyrtle-Common	6	1	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch
180	Hornbeam-American	7	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure • Uneven crown
182	Magnolia-Sweetbay	4,4,3	1	<ul style="list-style-type: none"> • Maintain size and shape • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
183	Magnolia-Sweetbay (4)	5,4,4	1	<ul style="list-style-type: none"> • Maintain size and shape • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
189	Redbud-Eastern	12	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
191	Maple-Sugar	23	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
192	Beech-American	16	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Low vigor • Overextended branch
193	Spruce-Norway	9	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Low vigor • Overextended branch
195	Beech-American	17	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Low vigor • Overextended branch
196	Yellowwood	17	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Low vigor • Overextended branch
199	Dawn Redwood	25	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Dead branches >2 • Overextended branch
200	Dawn Redwood	27	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Dead branches <=2 • Overextended branch
203	Styrax-Japanese Snowbell	10,9	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
206	Pear-Callery	24	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Cavity-stem • Co-dominant stems • Included bark • Overextended branch
207	Oak-Northern Red	25	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Girdling roots present • Overextended branch
208	Oak-Northern Red	25	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
209	Maple-Red	13	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Girdling roots present
211	Magnolia-Sweetbay (3)	5	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch
212	Holly-Foster's	5,5	1	<ul style="list-style-type: none"> • Maintain size and shape • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
215	Maple-Red	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
217	Maple-Red	14	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Cavity-branch • Cavity-stem • Co-dominant stems • Included bark
218	Maple-Red	15	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
220	Magnolia-Sweetbay	5,4,3	1	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
222	Magnolia-Sweetbay	4,3,3	1	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
223	Magnolia-Sweetbay (3)	6,5,5	1	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
224	Dogwood-Cornelian Cherry	8	1	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
229	Maple-Red	16	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
231	Maple-Red	14	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches <=2 • Overextended branch
233	Oak-Northern Red	36	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
234	Maple-Sugar	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
235	Maple-Red	11	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Hanger • Overextended branch
237	Oak-Pin	24	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
238	Crabapple	13	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Fungi/conks • Overextended branch • Poor branch structure
239	Maple-Crimson King	16	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
241	Japanese Cryptomeria	20	1	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
242	Pagodatree-Japanese	18	1	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance • Reduce density 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
249	Maple-Sugar	16	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
255	Pine-Eastern White	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
261	Oak-Pin	27	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Low vigor • Overextended branch
262	Oak-Pin	28	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Low vigor • Overextended branch
263	Oak-Shumard	30	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Decay-root flare • Overextended branch
264	Pear-Callery	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
266	Dawn Redwood	27	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Overextended branch
267	Honeylocust-Thornless Common	22	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
271	Maple-Sugar	15	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
279	Maple-Sugar	18	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
282	Maple-Sugar	17	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch • Uneven crown
288	Elm-Siberian	26	1	<ul style="list-style-type: none"> • Repair storm damage • Reduce risk of branch stem and/or root failure • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch • Storm damage
289	Plum-Purple Leaf	10	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Decay-stem • Poor branch structure • Uneven crown • Wound-stem

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
291	Oak-Pin	23	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
292	Oak-Shumard	28	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
298	Maple-Sugar	15	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Decay-root flare • Low vigor • Wound-root flare
313	Dogwood-Flowering	6	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Sweep
314	Maple-Sugar	22	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Broken branch(s) • Co-dominant stems • Dead branches <=2 • Overextended branch
315	Oak-Pin	23	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
317	Honeylocust-Thornless Common	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
319	Pagodatree-Japanese	16	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
320	Oak-Northern Red	24	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
321	Oak-Northern Red	18	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
332	Maple-Amur	17,13, 13	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
342	Pear-Callery	23	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch
343	Maple-Japanese	3,2	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
348	Maple-Sugar	15	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
349	Oak-Pin	25	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
350	Oak-Pin	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Low vigor • Overextended branch
353	Oak-Pin	23	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
354	Oak-Pin	26	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
357	Oak-Northern Red	25	1	<ul style="list-style-type: none"> • Reduce spread of crown • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
360	Pine-Eastern White	13	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Lean • Overextended branch • Uneven crown
368	Oak-Pin	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
370	Spruce-Norway	15	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Corrected lean • Dead branches >2 • Overextended branch
371	Linden-Littleleaf	13,12, 11	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
372	Redbud-Eastern	12,7	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
374	Maple-Red	12	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Cavity-stem • Co-dominant stems • Dead branches >2 • Overextended branch
377	Maple-Red	16	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Broken branch(s) • Co-dominant stems • Dead branches >2 • Girdling roots present • Overextended branch
379	Maple-Red	17	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Girdling roots present (moderate) • Overextended branch • Uneven crown
381	Maple-Red	24	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch
391	Maple-Red	12	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
392	Maple-Sugar	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
393	Oak-Northern Red	24	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
397	Leyland Cypress	22	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch
398	Maple-Japanese	7,6,5	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
399	Cherry-Flowering	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
402	Redbud-Eastern	8,7,5	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
403	Birch-River	14,13,12	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
433	Magnolia-Sweetbay	8,6,5	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
434	Magnolia-Sweetbay	7	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
436	Magnolia-Sweetbay	5,5,4	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
439	Magnolia-Sweetbay	6,5,5	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
441	Magnolia-Sweetbay	7,7,6	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
444	Maple-Crimson King	18	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
468	Pear-Callery	20	1	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Included bark • Overextended branch
526	Arborvitae-Green Giant (3)	6,5	1	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
1	Beech-European Copper	24	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
7	Beech-European Copper	22	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Girdling roots present (moderate) • Included bark
14	Beech-American	22	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
19	Oak-Shumard	23	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce weight of branch ends • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
22	Oak-White	37	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Lean • Overextended branch
25	Pine-Eastern White	24	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
30	Walnut-Black	12,9	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
31	Oak-White	20	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
32	Pine-Eastern White	26	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Improve form and shape 	<ul style="list-style-type: none"> • Dead branches >2 • Lean • Overextended branch • Poor branch structure • Uneven crown
33	Pine-Eastern White	26	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Improve form and shape 	<ul style="list-style-type: none"> • Dead branches >2 • Lean • Overextended branch • Poor branch structure • Uneven crown
50	Walnut-Butternut	18	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Lean • Overextended branch • Uneven crown
66	Oak-White	56	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown 	<ul style="list-style-type: none"> • Dead branches >2 • Overextended branch
74	Maple-Norway	12	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Decay-root flare • Girdling roots present • Overextended branch • Wound-root flare
123	Dogwood-Cornelian Cherry	5,4,4	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
139	Pine-Eastern White	10	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Uneven crown
148	Pagodatree-Japanese	35	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
174	Cherry-Weeping	7	2	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch
186	Holly-American (5)	5	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Overextended branch • Uneven crown
190	Holly-Nellie R. Stevens (3)	5,4,3	2	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
194	Leyland Cypress	9	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Dead branches <=2 • Low vigor • Overextended branch
198	Maple-Red	10,9,9	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
210	Cedar-Atlas	5	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch
216	Holly-Foster's (6)	5	2	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
219	Maple-Red	16	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
232	Maple-Red	12	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Low vigor
240	Dogwood-Kousa	6,4,4	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
244	Hemlock-Canadian	9,9	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Low vigor

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
245	Hemlock-Canadian	5,3	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Low vigor
246	Leyland Cypress	16,9,6	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
247	Sweetgum-Common	19	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
250	Oak-Northern Red	27	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Included bark • Overextended branch
251	Pine-Eastern White	25	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
252	Maple-Japanese	6	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
253	Maple-Crimson King	15	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
254	Pine-Eastern White	17	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Lean • Overextended branch • Uneven crown
257	Maple-Crimson King	18	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
258	Maple-Crimson King	19	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
260	Honeylocust-Thornless Common	20	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce density • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
265	Maple-Red	14	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Included bark • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
268	Holly-American (3)	5,4	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Improve form and shape 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Low vigor
270	Hornbeam-American	11,9,7	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Decay-stem • Fungi/conks • Overextended branch
272	Maple-Sugar	13	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
278	Pine-Japanese Black	11	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Dead branches >2 • Lean • Poor branch structure
283	Spruce-Colorado Blue	7	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Dead branches <=2 • Overextended branch
284	Spruce-Colorado Blue	6	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Dead branches <=2 • Overextended branch
285	Spruce-Colorado Blue	8	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Dead branches <=2 • Overextended branch
286	Cedar-Deodar	12	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Overextended branch
302	Maple-Sugar	15	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
303	Maple-Japanese	8	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
311	Holly-Nellie R. Stevens	9,6	2	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
312	Holly-Nellie R. Stevens	8	2	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
336	Oak-Willow	21	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
337	Sweetgum-Common	15	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch
346	Holly-Nellie R. Stevens	7,5,4	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
347	Lilac-Japanese Tree (2)	5,4,4	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
364	Linden-Littleleaf	17	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Included bark • Overextended branch
388	Spruce-Norway	10	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Uneven crown
389	Spruce-Norway	11	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Uneven crown
408	Pine-Eastern White	16	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Uneven crown
411	Cedar-Atlas	7,6	2	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Low vigor • Uneven crown
412	Pine-Eastern White	24	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Dead branches >2 • Girdling roots present • Overextended branch
414	Dogwood-Flowering	5,4,4	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches <=2 • Overextended branch
415	Oak-Northern Red	16	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch • Uneven crown
417	Magnolia-Saucer	6,6,5	2	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
418	Maple-Crimson King	13	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
419	Maple-Crimson King	16	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
425	Dogwood-Flowering	12	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Low vigor • Overextended branch
426	Dogwood-Flowering	7,7,6	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
427	Holly-Foster's	6,5	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
432	Lilac-Japanese Tree	7,6,5	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Low vigor • Overextended branch
435	Magnolia-Sweetbay	3,3,3	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Low vigor • Overextended branch
438	Magnolia-Sweetbay	5,4,4	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Low vigor • Overextended branch
440	Lilac-Japanese Tree	6,6,6	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Low vigor • Overextended branch
445	Dogwood-Kousa	4,3,3	2	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
446	Holly-Foster's	3,2	2	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
459	Pear-Callery	28	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Cavity-stem • Dead branches >2 • Included bark • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
460	Yellowwood	14,14,13	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Cavity-root flare • Cavity-stem • Co-dominant stems • Dead branches >2 • Overextended branch
461	Oak-Willow	32	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
464	Dogwood-Kousa	4,3,3	2	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
470	Yellowwood	10,9,8	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Girdling roots present • Included bark • Overextended branch
493	Holly-Chinese	4,3,3	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
502	Pine-Eastern White	25	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch
522	Holly-American	3	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch
529	Cedar-Atlas	6	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Poor branch structure
530	Juniper	5	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch
531	Arborvitae	6,5,5	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
537	Holly-Foster's	4	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
543	Maple-Japanese	3,3,2	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
544	Falsecypress-Hinoki	5,3	2	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
4	Sweetgum-Common	18	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches >2
5	Sweetgum-Common	18	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches >2
6	Sweetgum-Common	15	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches <=2

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
9	Oak-White	22	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
10	Oak-White	19	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
11	Oak-White	18	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
12	Hemlock-Canadian	12	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Overextended branch
13	Hemlock-Canadian	8,7,7	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
15	Pine-Eastern White	32	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Dead branches >2 • Lean
16	Pine-Eastern White	25	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Dead branches >2 • Lean
17	Maple-Red	18	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
21	Tupelo-Black	16	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Dead branches >2 • Poor branch structure
23	Holly-American	12,11,11	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch
24	Sycamore-American	33	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
26	Maple-Boxelder	18	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Hanger
27	Maple-Boxelder	29	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
29	Japanese Cryptomeria	8	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Overextended branch
35	Leyland Cypress	16,13,12	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Overextended branch

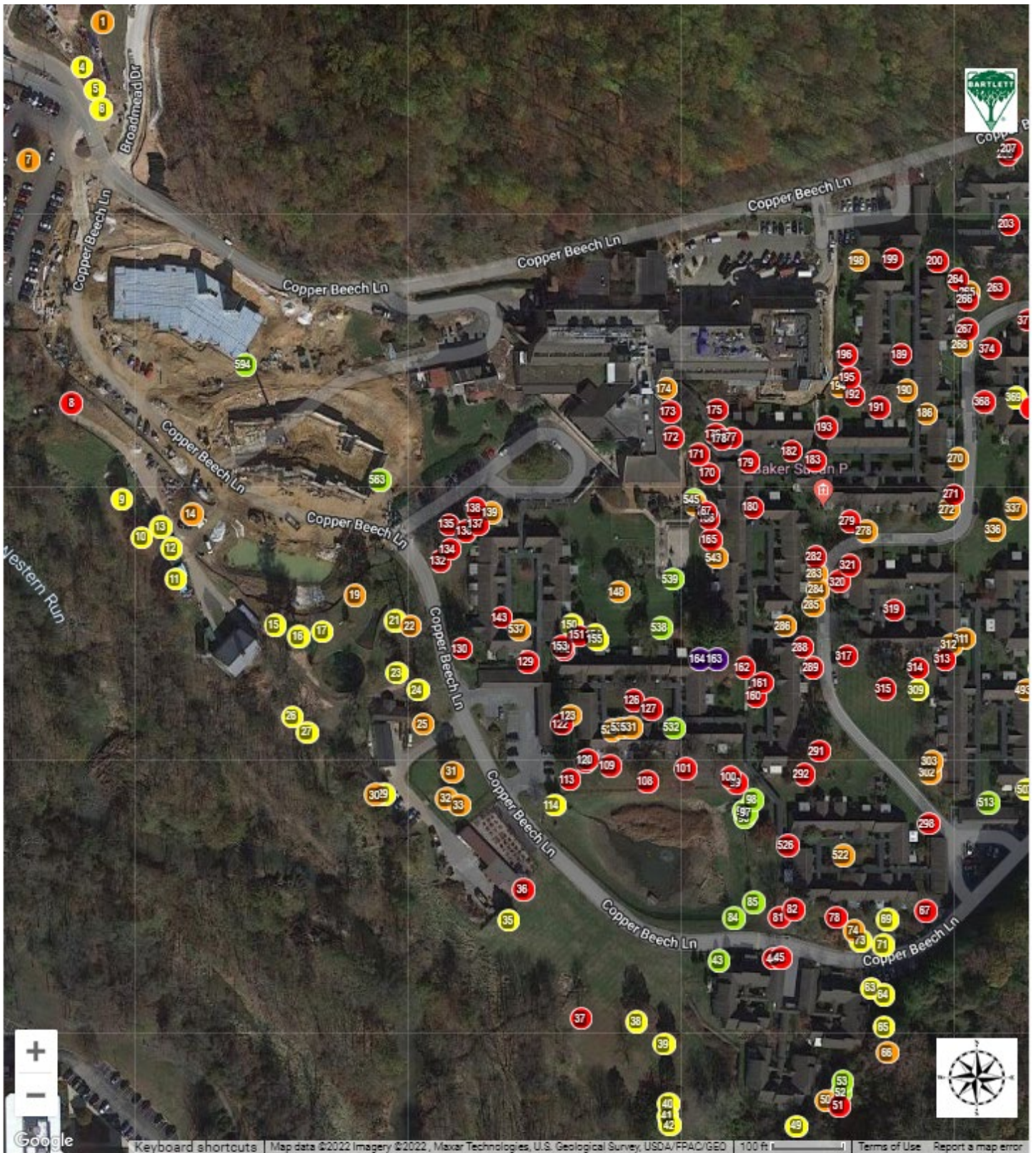
Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
38	Oak-White	20	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
39	Oak-White	17	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
40	Oak-White	15	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
41	Locust-Black	24	3	<ul style="list-style-type: none"> • Repair storm damage • Reduce risk of branch stem and/or root failure • Improve form and shape 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Decay-stem • Poor branch structure • Storm damage
42	Walnut-Butternut	31	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch • Uneven crown
49	Maple-Boxelder	32,18	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Overextended branch
63	Spruce-Norway (2)	6	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch
64	Arborvitae-Green Giant (3)	6	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch
65	Pine-Eastern White	13	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Overextended branch
69	Maple-Japanese	10	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch
71	Spruce-Norway	5	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Low vigor
73	Spruce-Norway	6	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch
114	Leyland Cypress (3)	7	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
150	Spruce-Colorado Blue	5	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch
154	Arborvitae-Green Giant	8	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch
155	Arborvitae-Green Giant	8	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch
221	Japanese Cryptomeria	6	3	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
248	Spruce-Colorado Blue	6	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Clearance • Improve form and shape 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Low vigor
256	Holly-Nellie R. Stevens (5)	5	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
309	Leyland Cypress (5)	9	3	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Dead branches <=2 • Overextended branch
340	Pine-Japanese Black	10	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Poor branch structure
365	Holly-Nellie R. Stevens	6	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch
369	Holly-Foster's	3,3	3	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
401	Falsecypress-Hinoki	4,3	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
404	Magnolia-Sweetbay	3,2,2	3	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2
405	Arborvitae (2)	6	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
406	Arborvitae-Green Giant (5)	6	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
407	Falsecypress-Hinoki	5	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Uneven crown
409	Holly-Common Winterberry	3,2,2	3	<ul style="list-style-type: none"> • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Overextended branch • Uneven crown
410	Holly-Nellie R. Stevens	5,3	3	<ul style="list-style-type: none"> • Maintain size and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Uneven crown
421	Arborvitae-Green Giant	5,5,4	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
422	Holly-American	8	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
423	Arborvitae (16)	3,3,3	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
424	Holly-Foster's (10)	4,3,3	3	<ul style="list-style-type: none"> • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
442	Holly-Nellie R. Stevens	3,2,2	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
455	Arborvitae-Green Giant (5)	3	3	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
456	Arborvitae-Green Giant	3,2	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Co-dominant stems
457	Arborvitae-Green Giant	3	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Overextended branch
465	Holly-American	7	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch
466	Maple-Japanese	3,3,3	3	<ul style="list-style-type: none"> Improve form and shape Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Low vigor Overextended branch
467	Holly-American	4	3	<ul style="list-style-type: none"> Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch
471	Holly-Foster's (2)	4	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch
472	Spruce-Colorado Blue	7	3	<ul style="list-style-type: none"> Improve form and shape Clearance 	<ul style="list-style-type: none"> Co-dominant stems Dead branches <=2 Dieback (moderate)
473	Arborvitae (3)	3,3,3	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Co-dominant stems
474	Juniper	6	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Co-dominant stems
486	Holly-Nellie R. Stevens	6,6	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch
499	Arborvitae-Green Giant (4)	6	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Poor branch structure
507	Holly-English	5	3	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Overextended branch
43	Spruce-Norway (5)	6	4	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Overextended branch
52	Hickory-Bitternut	20	4	<ul style="list-style-type: none"> Reduce risk of branch stem and/or root failure Clearance 	<ul style="list-style-type: none"> Dead branches >2 Uneven crown
53	Locust-Black	13	4	<ul style="list-style-type: none"> Reduce risk of branch stem and/or root failure Clearance 	<ul style="list-style-type: none"> Dead branches >2 Uneven crown
84	Pine-Eastern White	6	4	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Overextended branch
85	Pine-Eastern White	6	4	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Overextended branch
95	Pine-Eastern White	8	4	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Overextended branch
96	Pine-Eastern White	6	4	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Overextended branch
97	Pine-Eastern White	6	4	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Buried root collar Overextended branch
98	Pine-Eastern White	6	4	<ul style="list-style-type: none"> Maintain size and shape Clearance 	<ul style="list-style-type: none"> Buried root collar Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
496	Holly-American (2)	3	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
513	Cedar-Atlas	3,3	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
532	Cherry-Weeping	2	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Poor branch structure
538	Arborvitae-Green Giant (6)	4	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	...
539	Holly-Foster's (2)	5,4	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
545	Spruce-White (2)	8	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Dead branches >2
563	Holly-American (5)	2	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar
594	Holly-American (3)	2	4	<ul style="list-style-type: none"> • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar

INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING WEST



INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING EAST



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.

The trees in this table are recommended for developmental pruning:

INVENTORIED TREES RECOMMENDED FOR DEVELOPMENTAL PRUNING (243 Trees)

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
46	Maple-Red	8	1	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch
47	Birch-River	7,6,6	1	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
48	Redbud-Eastern	4	1	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Buried root collar Overextended branch Poor branch structure
55	Birch-River	5,5,4	1	<ul style="list-style-type: none"> Develop branch structure Clearance Reduce spread of crown 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
56	Redbud-Eastern	6	1	<ul style="list-style-type: none"> Develop branch structure Clearance Reduce spread of crown 	<ul style="list-style-type: none"> Buried root collar Overextended branch Poor branch structure
57	Redbud-Eastern	6	1	<ul style="list-style-type: none"> Develop branch structure Clearance Reduce spread of crown 	<ul style="list-style-type: none"> Buried root collar Overextended branch Poor branch structure
58	Maple-Red	7	1	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Overextended branch Poor branch structure
59	Redbud-Eastern	5,5,5	1	<ul style="list-style-type: none"> Develop branch structure Clearance Reduce spread of crown 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Overextended branch Poor branch structure
61	Hawthorn	6	1	<ul style="list-style-type: none"> Develop branch structure Clearance Reduce spread of crown 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
62	Hawthorn	6	1	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
75	Maple-Amur	10	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure • Seam
83	Redbud-Eastern	4	1	<ul style="list-style-type: none"> • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Poor branch structure
86	Oak-Chestnut	6	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Improve form and shape 	<ul style="list-style-type: none"> • Co-dominant stems • Low vigor • Poor branch structure
107	Birch-River	5,4,4	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
118	Maple-Red	10	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
124	Crabapple	7,7,6	1	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
131	Maple-Sugar	13	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
144	Maple-Red	12	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure • Uneven crown
145	Crabapple	13	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Girdling roots present • Overextended branch • Poor branch structure
146	Magnolia-Southern	13,8	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
181	Ash-White	9	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Poor branch structure
185	Dogwood-Cornelian Cherry	7,3,3	1	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
187	Tupelo-Black	7	1	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
188	Maple-Red	7	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
202	Magnolia-Sweetbay	6,4	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
225	Crabapple	11	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
227	Hawthorn	9,4	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
228	Dogwood-Flowering	8	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
273	Redbud-Eastern	9	1	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
274	Elm-Chinese	9,6	1	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
299	Dogwood-Cornelian Cherry	4,4,4	1	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
322	Birch-River	6,5,3	1	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
325	Maple-Japanese	7	1	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
329	Pear-Callery	8	1	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
330	Falsecypress-Hinoki	8	1	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
331	Falsecypress-Hinoki	5	1	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
334	Maple-Amur	10,7,7	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
359	Maple-Red	11	1	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
361	Maple-Japanese	4	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
382	Birch-River	7,6,6	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
383	Birch-River	9,9	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
428	Birch-River	6,6,6	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
429	Birch-River	4,4,4	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
430	Birch-River	3,3,3	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
431	Birch-River	3,3,3	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
476	Hawthorn	6,6,5	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
500	Redbud-Eastern	5	1	<ul style="list-style-type: none"> • Repair storm damage • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure • Storm damage
501	Redbud-Eastern	3	1	<ul style="list-style-type: none"> • Repair storm damage • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Poor branch structure • Storm damage
509	Hawthorn	6,6,6	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
516	Viburnum	4,3,3	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
525	Magnolia-Sweetbay	6,6,5	1	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
18	Maple-Sugar	6	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
20	Tupelo-Black	11	2	<ul style="list-style-type: none"> • Reduce risk of branch stem and/or root failure • Promote development of strong central stem • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2
70	Tupelo-Black	5	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
72	Fringetree-White	4	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Improve form and shape 	<ul style="list-style-type: none"> • Buried root collar • Poor branch structure
76	Maple-Amur	10	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Burl • Cavity-stem • Co-dominant stems • Poor branch structure
80	Cherry-Flowering	8	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Cavity-branch • Lean • Poor branch structure
87	Birch-River	6,3	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
88	Maple-Red	4	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
89	Redbud-Eastern	6	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
90	Zelkova-Japanese	9	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Included bark • Poor branch structure
91	Zelkova-Japanese	12	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Included bark • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
92	Redbud-Eastern	5	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
93	Redbud-Eastern	5	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
94	Birch-River	5,5	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
110	Cherry-Flowering	11	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
111	Cherry-Flowering	7	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
112	Cherry-Flowering	7	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
121	Redbud-Eastern	3	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Poor branch structure
125	Maple-Red	3	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
128	Cherry-Flowering	3	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Poor branch structure
141	Maple-Red	8	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
147	Magnolia-Sweetbay	5,5,4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch
149	Maple-Red	10	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
157	Maple-Red	8	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
158	Styrax-Japanese Snowbell	10	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
159	Ginkgo	3	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
169	Magnolia-Star	5,5,4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
184	Crabapple	7	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
213	Magnolia-Saucer	5,5,5	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
226	Holly-Foster's	8	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
230	Dogwood-Kousa	5	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
243	Maple-Crimson King	13	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
275	Hawthorn	7	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Reduce spread of crown 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
276	Hawthorn	7,5,5	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
277	Hawthorn	7,5,5	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce density 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
280	Birch-River	5,4,4	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance • Reduce spread of crown 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
287	Crabapple	6	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
290	Maple-Amur	13	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Cavity-stem • Co-dominant stems • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
293	Plum-Purple Leaf	6	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
294	Maple-Japanese	4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
295	Cherry-Flowering	6	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
296	Oak-White	7	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
297	Elm-Chinese	4	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
304	Maple-Amur	12	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
305	Maple-Sugar	12	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
306	Maple-Sugar	13	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
308	Plum-Purple Leaf	4	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
310	Magnolia-Sweetbay	4,4	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
318	Tupelo-Black	4	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
323	Maple-Red	3	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
324	Hawthorn	3	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
326	Ginkgo	5	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Overextended branch • Poor branch structure
333	Redbud-Eastern	3,2,2	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
335	Tupelo-Black	4	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Low vigor • Poor branch structure
338	Elm-American	11	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Poor branch structure
339	Birch-River	3,2,2	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
344	Crabapple	5	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
345	Redbud-Eastern	3	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Poor branch structure
352	Magnolia-Sweetbay	5,4,3	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
356	Birch-River	4,4	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
362	Crabapple	9	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
373	Maple-Sugar	3	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
375	Cherry-Flowering	6,4,3	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Cavity-stem • Co-dominant stems • Overextended branch
376	Maple-Japanese	6,3	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Burl • Co-dominant stems • Dead branches <=2 • Overextended branch
378	Maple-Red	10	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
380	Magnolia-Sweetbay	3,3,3	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
384	Maple-Red	6	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
385	Holly-American	8	2	<ul style="list-style-type: none"> • Develop branch structure • Maintain size and shape • Clearance 	<ul style="list-style-type: none"> • Overextended branch • Poor branch structure
387	Maple-Red	6	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
390	Zelkova-Japanese	7	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Included bark • Poor branch structure
394	Maple-Japanese	5,4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
400	Tupelo-Black	6	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
462	Maple-Red	10	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
463	Willow	7,6,4	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
469	Dogwood-Kousa	6	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
478	Hawthorn	9	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
479	Hawthorn	9,5	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
481	Dogwood-Kousa	3,2,2	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
482	Magnolia-Sweetbay (6)	3,3,3	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
484	Magnolia-Saucer	4	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
485	Maple-Japanese	6,6,5	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Poor branch structure
490	Cherry-Weeping	6,6,5	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
491	Dogwood-Kousa	5,4	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Poor branch structure
494	Elm-American	6	2	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
495	Birch-River	6,6,4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
508	Hawthorn	9	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
515	Goldenraintree-Paniced	9,4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Overextended branch • Poor branch structure
517	Cherry-Flowering	4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
520	Dogwood-Flowering	4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
521	Maple-Red	9	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch • Poor branch structure
523	Maple-Japanese	5,4,4	2	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Dead branches <=2 • Overextended branch • Poor branch structure
536	Redbud-Eastern	3,2,2	2	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
540	Lilac-Japanese Tree	5	2	<ul style="list-style-type: none"> • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
54	Maple-Red	4	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Poor branch structure
68	Redbud-Eastern	8,7,6	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Included bark Overextended branch
102	Maple-Red	5	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Poor branch structure
103	Maple-Red	5	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Decay-stem Poor branch structure Wound-stem
104	Birch-River	6,5,4	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
105	Birch-River	6,5,5	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
106	Birch-River	6,6,5	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
115	Redbud-Eastern	6	3	<ul style="list-style-type: none"> Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Poor branch structure Wound-stem
116	Ash-White	5	3	<ul style="list-style-type: none"> Develop branch structure Clearance Reduce spread of crown 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
117	Ash-White	5	3	<ul style="list-style-type: none"> Develop branch structure Clearance Reduce spread of crown 	<ul style="list-style-type: none"> Co-dominant stems Dead branches <=2 Overextended branch Poor branch structure
142	Hawthorn	3	3	<ul style="list-style-type: none"> Develop branch structure Reduce density Clearance 	<ul style="list-style-type: none"> Buried root collar Poor branch structure
197	Maple-Red	4	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Poor branch structure
201	Magnolia-Saucer	4,4,4	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
204	Maple-Red	4	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
205	Birch-River	3,3,3	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
269	Magnolia-Southern	4	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Poor branch structure
300	Maple-Paperbark	3	3	<ul style="list-style-type: none"> Develop branch structure Improve form and shape Clearance 	<ul style="list-style-type: none"> Buried root collar Poor branch structure
307	Oak-Bur	3	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Poor branch structure
327	Cherry-Weeping	3	3	<ul style="list-style-type: none"> Develop branch structure Improve form and shape Clearance 	<ul style="list-style-type: none"> Buried root collar Overextended branch Poor branch structure
328	Dogwood-Kousa	3,3,3	3	<ul style="list-style-type: none"> Develop branch structure Improve form and shape Clearance 	<ul style="list-style-type: none"> Buried root collar Overextended branch Poor branch structure
358	Maple-Japanese	4	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Poor branch structure
367	Styrax-Japanese Snowbell	5	3	<ul style="list-style-type: none"> Develop branch structure Reduce density Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Overextended branch Poor branch structure Wound-stem
395	Dogwood-Kousa	4,3,3	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch
396	Dogwood-Flowering	3,3	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch
413	Dogwood-Kousa	4,3,3	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Overextended branch Poor branch structure
447	Magnolia-Southern	3	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
448	Leyland Cypress	3	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
449	Redbud-Eastern	3,3	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Overextended branch Poor branch structure
453	Willow-Babylon Weeping	4	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
454	Parrotia-Persian	8,7,7	3	<ul style="list-style-type: none"> Develop branch structure Reduce density Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
458	Dogwood-Kousa	3	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Poor branch structure
475	Hawthorn	7	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
489	Lilac-Common	3,3,3	3	<ul style="list-style-type: none"> Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Dead branches <=2 Overextended branch
503	Tupelo-Black	3	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
505	Spruce-Colorado Blue	3,2	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
506	Dogwood-Kousa	6,4	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
519	Magnolia-Sweetbay	2,2	3	<ul style="list-style-type: none"> Develop branch structure Reduce spread of crown Clearance 	<ul style="list-style-type: none"> Co-dominant stems Overextended branch Poor branch structure
533	Linden-American	4	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
534	Linden-American	4	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
535	Redbud-Eastern	4	3	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Co-dominant stems Girdling roots present Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
549	Magnolia-Sweetbay	3,2,2	3	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
550	Magnolia-Sweetbay	3,2,1	3	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
551	Magnolia-Sweetbay	3,3,3	3	<ul style="list-style-type: none"> • Develop branch structure • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
554	Linden-American	2	3	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
555	Magnolia-Sweetbay	2,2,2	3	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
556	Linden-American	2	3	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
557	Linden-American	2	3	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Dead branches >2 • Poor branch structure
558	Magnolia-Saucer	4,4,4	3	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Broken branch(s) • Buried root collar • Co-dominant stems • Poor branch structure
559	Holly-American	7,5	3	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Low vigor • Poor branch structure
488	Redbud-Eastern	2	4	<ul style="list-style-type: none"> • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
497	Magnolia-Sweetbay	2,2,2	4	<ul style="list-style-type: none"> • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
498	Magnolia-Sweetbay	2,2,2	4	<ul style="list-style-type: none"> • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
510	Magnolia-Sweetbay	2	4	<ul style="list-style-type: none"> • Develop branch structure • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
514	Maple-Japanese	4,3	4	<ul style="list-style-type: none"> • Develop branch structure • Reduce density • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
527	Dogwood-Flowering	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
560	Redbud-Eastern	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
561	Redbud-Eastern	3	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
562	Redbud-Eastern	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
564	Hackberry	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
565	Oak-Swamp White	3	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
566	Oak-Pin	3	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
567	Hackberry	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
568	Hackberry	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure Wound-stem
569	Hackberry	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
570	Oak-Willow	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
571	Elm-Chinese	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
572	Elm-Chinese	3	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
573	Elm-Chinese	3	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Lean • Poor branch structure
574	Oak-Willow	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
575	Oak-Willow	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
576	Elm-Chinese	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
577	Elm-Chinese	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
578	Elm-Chinese	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
579	Linden-American	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
580	Redbud-Eastern	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
581	Redbud-Eastern	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
582	Redbud-Eastern	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
583	Redbud-Eastern	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
584	Linden-American	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
585	Tupelo-Black	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
586	Linden-American	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
587	Linden-American	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
588	Tupelo-Black	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
589	Linden-American	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
590	Oak-Pin	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
591	Tupelo-Black	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
592	Tupelo-Black	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
593	Tupelo-Black	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
595	Hackberry	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure
596	Hackberry	2	4	<ul style="list-style-type: none"> Promote development of strong central stem Develop branch structure Clearance 	<ul style="list-style-type: none"> Buried root collar Co-dominant stems Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
597	Hackberry	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
598	Tupelo-Black	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
599	Elm-Chinese	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
600	Oak-Pin	2	4	<ul style="list-style-type: none"> • Promote development of strong central stem • Develop branch structure • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure

INVENTORIED TREES RECOMMENDED FOR DEVELOPMENTAL PRUNING WEST



INVENTORIED TREES RECOMMENDED FOR DEVELOPMENTAL PRUNING EAST



Tree & Shrub Work Phase: ● 1 ● 2 ● 3 ● 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. In the case of the Crapemyrtle pollarding is the recommended pruning system.

The trees in this table are recommended for specialized pruning:

INVENTORIED TREES RECOMMENDED FOR SPECIALIZED PRUNING (24 Trees)

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
77	Crapemyrtle-Common	3,3	1	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
79	Crapemyrtle-Common	6,5,4	1	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Uneven crown
524	Crapemyrtle-Common	3,2,2	1	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches <=2 • Poor branch structure
140	Crapemyrtle-Common	4,4,4	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
168	Crapemyrtle-Common	3,3,3	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
301	Crapemyrtle-Common	4,3,3	2	<ul style="list-style-type: none"> • Improve appearance • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems
355	Crapemyrtle-Common	6,5,5	2	<ul style="list-style-type: none"> • Improve appearance • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
386	Crapemyrtle-Common	4,4,3	2	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch
416	Crapemyrtle-Common	2,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
480	Crapemyrtle-Common	2,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Poor branch structure
483	Crapemyrtle-Common	3,3,3	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
492	Crapemyrtle-Common	3,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
518	Crapemyrtle-Common	4,4,4	2	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure
528	Crapemyrtle-Common	2,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems • Overextended branch
541	Crapemyrtle-Common	2,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
542	Crapemyrtle-Common	2,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
552	Crapemyrtle-Common	3,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
553	Crapemyrtle-Common	3,2,2	2	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
450	Crapemyrtle-Common	4,3,3	3	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
451	Crapemyrtle-Common	4,3,3	3	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
452	Crapemyrtle-Common	3,2,2	3	<ul style="list-style-type: none"> • Improve form and shape • Reduce spread of crown • Clearance 	<ul style="list-style-type: none"> • Buried root collar • Co-dominant stems
504	Crapemyrtle-Common	3,2,2	3	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Overextended branch • Poor branch structure

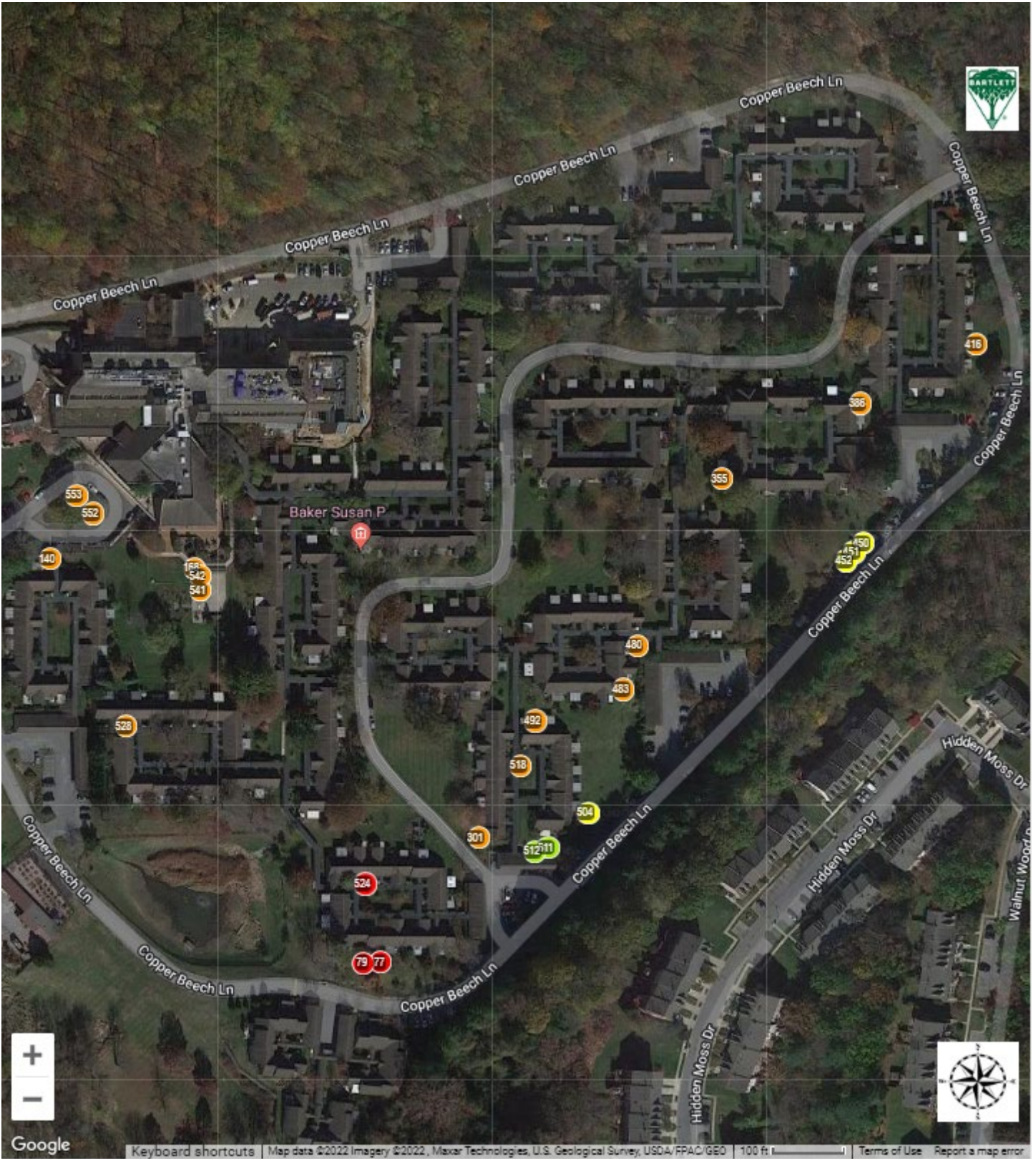
Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
511	Crapemyrtle-Common	3,2,2	4	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure
512	Crapemyrtle-Common	2,2,2	4	<ul style="list-style-type: none"> • Improve form and shape • Clearance 	<ul style="list-style-type: none"> • Co-dominant stems • Poor branch structure

INVENTORIED TREES RECOMMENDED FOR SPECIALIZED PRUNING WEST



Tree & Shrub Work Phase: ● 1 ● 2 ● 3 ● 4

INVENTORIED TREES RECOMMENDED FOR SPECIALIZED PRUNING EAST



Tree & Shrub Work Phase: ● 1 ● 2 ● 3 ● 4

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.



Shumard oak #19 was recommended for cabling due to co-dominant stems.

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

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

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Structural Support
19	Oak-Shumard	23	2	• Cable: New 1
37	Tuliptree	18,16,15	1	• Cable: New 3
67	Maple-Silver	19,13,11	1	• Cable: New 2
82	Maple-Red	18	1	• Cable: New 1
99	Maple-Red	22	1	• Cable: New 2
101	Maple-Red	29	1	• Cable: New 3
126	Birch-River	18,16	1	• Cable: New 1
172	Maple-Red	28	1	• Cable: Inspect
198	Maple-Red	10,9,9	2	• Cable: New 2
215	Maple-Red	20	1	• Cable: Inspect
229	Maple-Red	16	1	• Cable: New 1
250	Oak-Northern Red	27	2	• Cable: New 1
251	Pine-Eastern White	25	2	• Cable: New 2
262	Oak-Pin	28	1	• Cable: New 1
332	Maple-Amur	17,13,13	1	• Cable: New 3
342	Pear-Callery	23	1	• Cable: New 1
363	Oak-Pin	23	ASAP	• Cable: New 1
371	Linden-Littleleaf	13,12,11	1	• Cable: New 2
381	Maple-Red	24	1	• Cable: New 3
392	Maple-Sugar	20	1	• Cable: New 1
403	Birch-River	14,13,12	1	• Cable: New 3

INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS WEST



INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS EAST



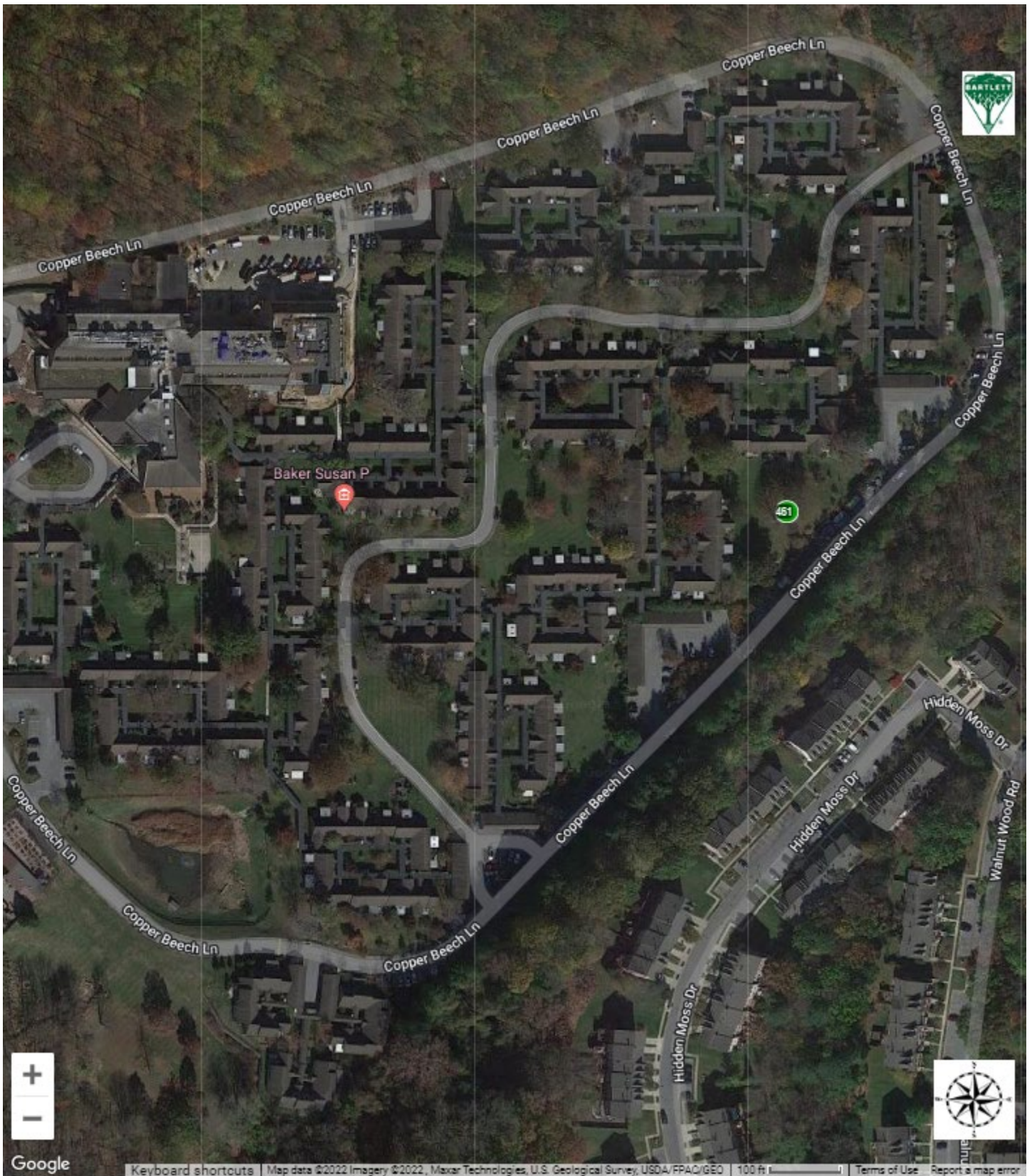
Lightning Protection Systems

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.

INVENTORIED TREES WITH LIGHTNING PROTECTION SYSTEM RECOMMENDATIONS (1 Tree)

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Lightning Protection
461	Oak-Willow	32	2	New

INVENTORIED TREE WITH LIGHTNING PROTECTION SYSTEM RECOMMENDATIONS



Lightning Protection: ● New

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.



Sugar maple #2 was recommended for removal because it was dead.

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

INVENTORIED TREES RECOMMENDED FOR REMOVAL (20 Trees)

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
546	Locust-Black	14	Fair	Moderate	1	<ul style="list-style-type: none"> • Lean • Low live crown ratio • Overextended branch
548	Ash-White	20	Dead	Low	1	...
156	Oak-Pin	27	Poor	...	ASAP	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Dieback (moderate) • Overextended branch
214	Sweetgum-Common	13	Poor	...	ASAP	<ul style="list-style-type: none"> • Dead branches >2 • Dieback (severe) • Overextended branch
316	Oak-Pin	22	Poor	...	ASAP	<ul style="list-style-type: none"> • Dieback (severe)
341	Pear-Callery	19	Poor	...	ASAP	<ul style="list-style-type: none"> • Co-dominant stems • Dead branches >2 • Dieback (severe)
2	Maple-Sugar	19	Dead	...	1	...
3	Maple-Sugar	11	Poor	...	1	<ul style="list-style-type: none"> • Dieback (severe)
34	Cherry-Flowering	20	Poor	...	1	<ul style="list-style-type: none"> • Dead/dying stem • Dieback (severe)
60	Redbud-Eastern	6	Poor	...	1	<ul style="list-style-type: none"> • Dead branches >2 • Dieback (severe)
133	Oak-Pin	22	Poor	...	1	<ul style="list-style-type: none"> • Dieback (severe)
366	Oak-Pin	20	Poor	...	1	<ul style="list-style-type: none"> • Dead branches >2 • Dieback (severe)
477	Hawthorn	8	Poor	...	1	<ul style="list-style-type: none"> • Co-dominant stems • Dieback (severe) • Storm damage
28	Walnut-Black	25	Dead	...	2	...
236	Cherry-Black	8	Fair	...	2	<ul style="list-style-type: none"> • Co-dominant stems • Decay-stem • Uneven crown
420	Mimosa	14	Fair	...	2	<ul style="list-style-type: none"> • Overextended branch • Storm damage • Uneven crown • Wound-stem
437*	Tuliptree	9	Fair	...	2	<ul style="list-style-type: none"> • Pavement/curbing damage
443	Maple-Japanese	7	Poor	...	2	<ul style="list-style-type: none"> • Dieback (severe)

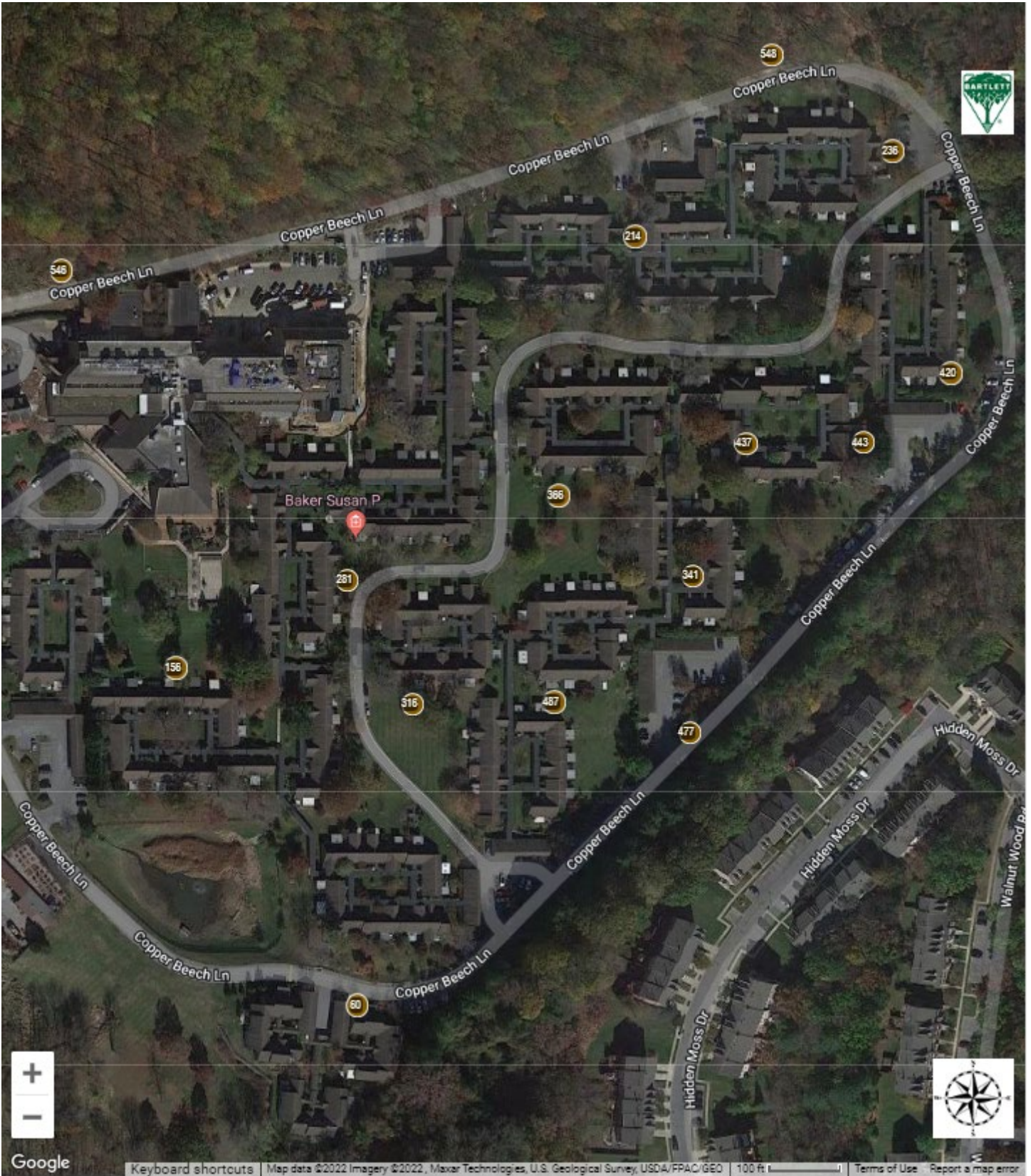
Tree ID	Common Name	DBH	Condition	<i>Overall Tree Risk Rating</i>	Tree & Shrub Work Phase	Defect(s) or Observation(s)
487	Spruce-Colorado Blue	7	Poor	...	2	<ul style="list-style-type: none"> • Dieback (moderate) • Lean • Sweep
281	Pine-Eastern White	12	Fair	...	3	<ul style="list-style-type: none"> • Lean • Overextended branch • Uneven crown

* Trees that were assigned a poor or unacceptable location value.

INVENTORIED TREES RECOMMENDED FOR REMOVAL WEST



INVENTORIED TREES RECOMMENDED FOR REMOVAL EAST



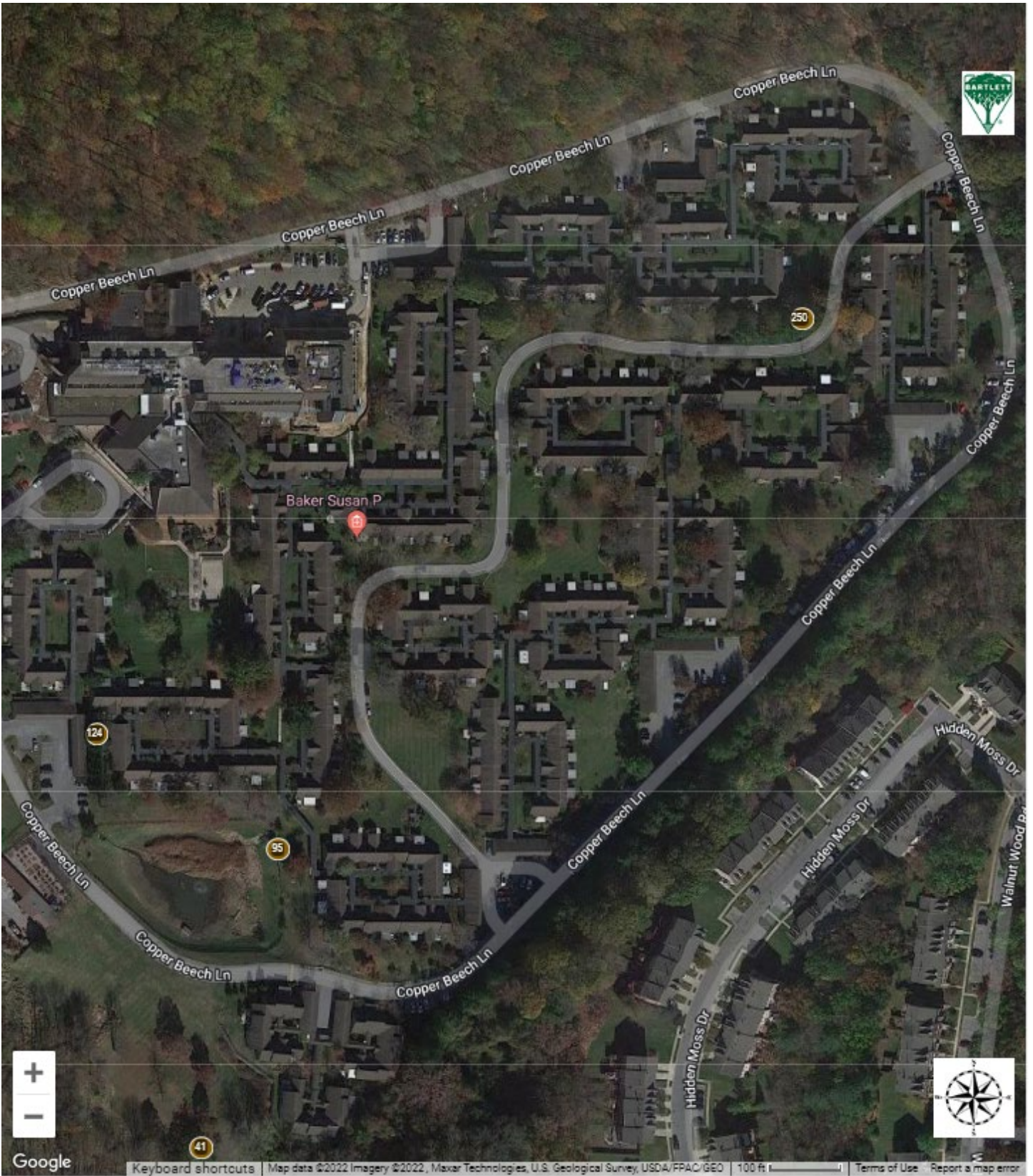
Vine Removal

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 (4 Trees)

Tree ID	Common Name	DBH	Poisonous Plants
41	Locust-Black	24	Yes
95	Pine-Eastern White	8	...
124	Crabapple	7,7,6	Yes
250	Oak-Northern Red	27	...

INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL



ENTIRE INVENTORY



ENTIRE INVENTORY (717 Trees)

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
1	Beech-European Copper	<i>Fagus</i>	<i>sylvatica</i>	24	Large	Mature	Good	2	\$13,293.00
2	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	19	Medium	Mature	Dead	1	...
3	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	11	Medium	Semi-mature	Poor	1	\$1,122.00
4	Sweetgum-Common	<i>Liquidambar</i>	<i>styraciflua</i>	18	Large	Mature	Good	3	\$6,075.00
5	Sweetgum-Common	<i>Liquidambar</i>	<i>styraciflua</i>	18	Large	Mature	Good	3	\$6,075.00
6	Sweetgum-Common	<i>Liquidambar</i>	<i>styraciflua</i>	15	Large	Semi-mature	Good	3	\$4,219.00
7	Beech-European Copper	<i>Fagus</i>	<i>sylvatica</i>	22	Medium	Mature	Good	2	\$11,170.00
8	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	37	Large	Mature	Good	1	\$29,943.00
9	Oak-White	<i>Quercus</i>	<i>alba</i>	22	Large	Mature	Good	3	\$12,287.00
10	Oak-White	<i>Quercus</i>	<i>alba</i>	19	Large	Mature	Good	3	\$9,164.00
11	Oak-White	<i>Quercus</i>	<i>alba</i>	18	Large	Mature	Good	3	\$8,225.00
12	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	12	Medium	Semi-mature	Good	3	\$2,492.00
13	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	8,7,7	Medium	Semi-mature	Good	3	\$2,804.00
14	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	22	Large	Mature	Good	2	\$11,170.00
15	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	32	Large	Mature	Good	3	\$15,918.00
16	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	25	Large	Mature	Fair	3	\$7,083.00
17	Maple-Red	<i>Acer</i>	<i>rubrum</i>	18	Large	Mature	Good	3	\$6,542.00
18	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	6	Medium	Young	Good	2	\$778.00
19	Oak-Shumard	<i>Quercus</i>	<i>shumardii</i>	23	Large	Mature	Fair	2	\$7,630.00
20	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	11	Medium	Semi-mature	Good	2	\$2,792.00
21	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	16	Large	Semi-mature	Good	3	\$5,908.00
22	Oak-White	<i>Quercus</i>	<i>alba</i>	37	Large	Mature	Good	2	\$32,937.00
23	Holly-American	<i>Ilex</i>	<i>opaca</i>	12,11,11	Medium	Mature	Fair	3	\$5,806.00
24	Sycamore-American	<i>Platanus</i>	<i>occidentalis</i>	33	Large	Mature	Good	3	\$17,799.00
25	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	24	Large	Mature	Good	2	\$9,139.00
26	Maple-Boxelder	<i>Acer</i>	<i>negundo</i>	18	Large	Mature	Fair	3	\$2,670.00
27	Maple-Boxelder	<i>Acer</i>	<i>negundo</i>	29	Large	Mature	Good	3	\$9,704.00
28	Walnut-Black	<i>Juglans</i>	<i>nigra</i>	25	Large	Mature	Dead	2	...
29	Japanese Cryptomeria	<i>Cryptomeria</i>	<i>japonica</i>	8	Medium	Young	Good	3	\$923.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
30	Walnut-Black	<i>Juglans</i>	<i>nigra</i>	12,9	Large	Semi-mature	Fair	2	\$2,251.00
31	Oak-White	<i>Quercus</i>	<i>alba</i>	20	Large	Mature	Good	2	\$10,154.00
32	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	26	Large	Mature	Fair	2	\$7,661.00
33	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	26	Large	Mature	Fair	2	\$7,661.00
34	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	20	Small	Mature	Poor	1	\$2,720.00
35	Leyland Cypress	<i>x Cupressocyparis</i>	<i>leylandii</i>	16,13,12	Large	Mature	Good	3	\$9,848.00
36	Cherry-Black	<i>Prunus</i>	<i>serotina</i>	15	Large	Semi-mature	Fair	1	\$1,821.00
37	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	18,16,15	Large	Mature	Good	1	\$16,256.00
38	Oak-White	<i>Quercus</i>	<i>alba</i>	20	Large	Mature	Good	3	\$10,154.00
39	Oak-White	<i>Quercus</i>	<i>alba</i>	17	Large	Semi-mature	Good	3	\$7,336.00
40	Oak-White	<i>Quercus</i>	<i>alba</i>	15	Large	Semi-mature	Good	3	\$5,712.00
41	Locust-Black	<i>Robinia</i>	<i>pseudoacacia</i>	24	Large	Mature	Fair	3	\$6,528.00
42	Walnut-Butternut	<i>Juglans</i>	<i>cinerea</i>	31	Large	Mature	Good	3	\$18,476.00
43	Spruce-Norway (5)	<i>Picea</i>	<i>abies</i>	6	Small	Young	Good	4	\$2,856.00
44	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	6,4	Medium	Young	Good	1	\$782.00
45	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	5,4,4	Medium	Young	Good	1	\$857.00
46	Maple-Red	<i>Acer</i>	<i>rubrum</i>	8	Medium	Young	Good	1	\$1,292.00
47	Birch-River	<i>Betula</i>	<i>nigra</i>	7,6,6	Medium	Young	Good	1	\$2,443.00
48	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	4	Small	Young	Good	1	\$336.00
49	Maple-Boxelder	<i>Acer</i>	<i>negundo</i>	32,18	Large	Mature	Good	3	\$15,315.00
50	Walnut-Butternut	<i>Juglans</i>	<i>cinerea</i>	18	Large	Mature	Fair	2	\$4,539.00
51	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	18	Large	Mature	Fair	1	\$3,672.00
52	Hickory-Bitternut	<i>Carya</i>	<i>cordiformis</i>	20	Large	Mature	Good	4	\$8,654.00
53	Locust-Black	<i>Robinia</i>	<i>pseudoacacia</i>	13	Medium	Semi-mature	Fair	4	\$1,915.00
54	Maple-Red	<i>Acer</i>	<i>rubrum</i>	4	Small	Young	Fair	3	\$230.00
55	Birch-River	<i>Betula</i>	<i>nigra</i>	5,5,4	Medium	Young	Good	1	\$1,332.00
56	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	6	Medium	Young	Good	1	\$541.00
57	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	6	Medium	Young	Good	1	\$758.00
58	Maple-Red	<i>Acer</i>	<i>rubrum</i>	7	Medium	Young	Good	1	\$989.00
59	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	5,5,5	Medium	Young	Good	1	\$1,128.00
60	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	6,5	Medium	Young	Poor	1	\$550.00
61	Hawthorn	<i>Crataegus</i>	sp.	6	Medium	Semi-mature	Good	1	\$430.00
62	Hawthorn	<i>Crataegus</i>	sp.	6	Medium	Semi-mature	Good	1	\$602.00
63	Spruce-Norway (2)	<i>Picea</i>	<i>abies</i>	6	Medium	Young	Good	3	\$1,142.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
64	Arborvitae-Green Giant (3)	<i>Thuja</i>	<i>standishii x plicata x plicata</i> var. 'Green Giant'	6	Medium	Young	Good	3	...
65	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	13	Large	Mature	Good	3	\$2,681.00
66	Oak-White	<i>Quercus</i>	<i>alba</i>	56	Large	Over-mature	Fair	2	\$40,268.00
67	Maple-Silver	<i>Acer</i>	<i>saccharinum</i>	19,13,11	Large	Mature	Fair	1	\$6,036.00
68	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	8,7,6	Medium	Semi-mature	Good	3	\$3,137.00
69	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	10	Medium	Mature	Good	3	\$2,307.00
70	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	5	Medium	Young	Fair	2	\$412.00
71	Spruce-Norway	<i>Picea</i>	<i>abies</i>	5	Medium	Young	Fair	3	\$283.00
72	Fringetree-White	<i>Chionanthus</i>	<i>virginicus</i>	4	Small	Young	Good	2	\$323.00
73	Spruce-Norway	<i>Picea</i>	<i>abies</i>	6	Medium	Young	Good	3	\$571.00
74	Maple-Norway	<i>Acer</i>	<i>platanoides</i>	12	Medium	Semi-mature	Fair	2	\$1,632.00
75	Maple-Amur	<i>Acer</i>	<i>ginnala</i>	10	Medium	Semi-mature	Good	1	\$2,307.00
76	Maple-Amur	<i>Acer</i>	<i>ginnala</i>	10	Medium	Semi-mature	Fair	2	\$1,648.00
77	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,3	Medium	Semi-mature	Good	1	\$405.00
78	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	10	Medium	Mature	Fair	1	\$883.00
79	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	6,5,4	Medium	Mature	Good	1	\$1,237.00
80	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	8	Small	Young	Fair	2	\$725.00
81	Maple-Red	<i>Acer</i>	<i>rubrum</i>	26	Large	Mature	Good	1	\$13,651.00
82	Maple-Red	<i>Acer</i>	<i>rubrum</i>	18	Large	Mature	Good	1	\$6,542.00
83	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	4	Medium	Young	Good	1	\$336.00
84	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	6	Medium	Young	Good	4	\$571.00
85	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	6	Medium	Young	Good	4	\$571.00
86	Oak-Chestnut	<i>Quercus</i>	<i>prinus</i>	6	Medium	Young	Fair	1	\$556.00
87	Birch-River	<i>Betula</i>	<i>nigra</i>	6,3	Medium	Young	Good	2	\$908.00
88	Maple-Red	<i>Acer</i>	<i>rubrum</i>	4	Medium	Young	Good	2	\$323.00
89	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	6	Medium	Young	Good	2	\$758.00
90	Zelkova-Japanese	<i>Zelkova</i>	<i>serrata</i>	9	Medium	Semi-mature	Good	2	\$1,752.00
91	Zelkova-Japanese	<i>Zelkova</i>	<i>serrata</i>	12	Medium	Semi-mature	Good	2	\$3,115.00
92	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	5	Small	Young	Good	2	\$526.00
93	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	5	Small	Young	Good	2	\$526.00
94	Birch-River	<i>Betula</i>	<i>nigra</i>	5,5	Medium	Young	Fair	2	\$721.00
95	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	8	Medium	Young	Good	4	\$1,015.00
96	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	6	Medium	Young	Good	4	\$571.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
97	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	6	Medium	Young	Good	4	\$571.00
98	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	6	Medium	Young	Good	4	\$571.00
99	Maple-Red	<i>Acer</i>	<i>rubrum</i>	22	Large	Mature	Fair	1	\$6,981.00
100	Maple-Red	<i>Acer</i>	<i>rubrum</i>	14	Large	Semi-mature	Good	1	\$3,958.00
101	Maple-Red	<i>Acer</i>	<i>rubrum</i>	29	Large	Mature	Good	1	\$16,983.00
102	Maple-Red	<i>Acer</i>	<i>rubrum</i>	5	Medium	Young	Good	3	\$504.00
103	Maple-Red	<i>Acer</i>	<i>rubrum</i>	5	Medium	Young	Good	3	\$504.00
104	Birch-River	<i>Betula</i>	<i>nigra</i>	6,5,4	Medium	Young	Good	3	\$1,554.00
105	Birch-River	<i>Betula</i>	<i>nigra</i>	6,5,5	Medium	Young	Good	3	\$1,736.00
106	Birch-River	<i>Betula</i>	<i>nigra</i>	6,6,5	Medium	Young	Good	3	\$1,958.00
107	Birch-River	<i>Betula</i>	<i>nigra</i>	5,4,4	Medium	Young	Good	1	\$1,151.00
108	Oak-Scarlet	<i>Quercus</i>	<i>coccinea</i>	27	Large	Mature	Good	1	\$15,352.00
109	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	9,8,7	Medium	Mature	Fair	1	\$3,198.00
110	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	11	Medium	Semi-mature	Good	2	\$1,919.00
111	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	7	Medium	Young	Good	2	\$777.00
112	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	7	Medium	Young	Good	2	\$777.00
113	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	29	Large	Mature	Good	1	\$18,196.00
114	Leyland Cypress (3)	<i>x Cupressocyparis</i>	<i>leylandii</i>	7	Medium	Young	Good	3	\$2,544.00
115	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	6	Small	Semi-mature	Good	3	\$758.00
116	Ash-White	<i>Fraxinus</i>	<i>americana</i>	5	Medium	Young	Fair	3	\$273.00
117	Ash-White	<i>Fraxinus</i>	<i>americana</i>	5	Medium	Young	Fair	3	\$273.00
118	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Medium	Semi-mature	Good	1	\$2,019.00
119	Holly-Nellie R. Stevens	<i>Ilex</i>	<i>x</i> var. 'Nellie R. Stevens'	7,7,6	Medium	Semi-mature	Good	1	\$2,706.00
120	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	4,3,3	Small	Young	Good	1	\$616.00
121	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	3	Small	Young	Good	2	\$189.00
122	Leyland Cypress (20)	<i>x Cupressocyparis</i>	<i>leylandii</i>	7	Medium	Semi-mature	Good	1	\$16,963.00
123	Dogwood-Cornelian Cherry	<i>Cornus</i>	<i>mas</i>	5,4,4	Medium	Semi-mature	Good	2	\$1,315.00
124	Crabapple	<i>Malus</i>	sp.	7,7,6	Medium	Semi-mature	Fair	1	\$1,242.00
125	Maple-Red	<i>Acer</i>	<i>rubrum</i>	3	Small	New planting	Good	2	\$181.00
126	Birch-River	<i>Betula</i>	<i>nigra</i>	18,16	Large	Mature	Good	1	\$11,712.00
127	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	22	Large	Mature	Good	1	\$7,679.00
128	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	3	Small	Young	Good	2	\$142.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
129	Hornbeam-American	<i>Carpinus</i>	<i>caroliniana</i>	8,7,6	Medium	Semi-mature	Fair	1	\$2,456.00
130	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	23	Large	Mature	Good	1	\$7,630.00
131	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	13	Medium	Semi-mature	Good	1	\$2,611.00
132	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	26	Large	Mature	Good	1	\$12,676.00
133	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	22	Large	Mature	Poor	1	\$3,889.00
134	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	13	Large	Semi-mature	Good	1	\$2,681.00
135	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	19	Large	Mature	Good	1	\$5,727.00
136	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	19	Large	Mature	Good	1	\$5,727.00
137	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	18	Large	Mature	Good	1	\$5,140.00
138	Maple-Red	<i>Acer</i>	<i>rubrum</i>	29	Large	Mature	Good	1	\$16,983.00
139	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	10	Large	Semi-mature	Good	2	\$1,586.00
140	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	4,4,4	Small	Semi-mature	Good	2	\$1,080.00
141	Maple-Red	<i>Acer</i>	<i>rubrum</i>	8	Medium	Young	Good	2	\$1,292.00
142	Hawthorn	<i>Crataegus</i>	sp.	3	Small	Young	Good	3	\$150.00
143	Holly-Nellie R. Stevens	<i>Ilex</i>	x var. 'Nellie R. Stevens'	8,5,5	Medium	Semi-mature	Good	1	\$1,644.00
144	Maple-Red	<i>Acer</i>	<i>rubrum</i>	12	Medium	Semi-mature	Fair	1	\$1,483.00
145	Crabapple	<i>Malus</i>	sp.	13	Medium	Semi-mature	Good	1	\$3,071.00
146	Magnolia-Southern	<i>Magnolia</i>	<i>grandiflora</i>	13,8	Medium	Semi-mature	Good	1	\$4,705.00
147	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	5,5,4	Medium	Semi-mature	Good	2	\$1,332.00
148	Pagodatree-Japanese	<i>Sophora</i>	<i>japonica</i>	35	Large	Mature	Good	2	\$19,782.00
149	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Medium	Semi-mature	Good	2	\$2,019.00
150	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	5	Small	Young	Good	3	\$283.00
151	Holly-Nellie R. Stevens	<i>Ilex</i>	x var. 'Nellie R. Stevens'	6,5,4	Medium	Semi-mature	Good	1	\$1,110.00
152	Leyland Cypress	<i>x Cupressocyparis</i>	<i>leylandii</i>	20	Large	Mature	Good	1	\$4,945.00
153	Leyland Cypress	<i>x Cupressocyparis</i>	<i>leylandii</i>	20	Large	Mature	Good	1	\$4,945.00
154	Arborvitae-Green Giant	<i>Thuja</i>	<i>standishii x plicata</i> x <i>plicata</i> var. 'Green Giant'	8	Medium	Semi-mature	Good	3	...
155	Arborvitae-Green Giant	<i>Thuja</i>	<i>standishii x plicata</i> x <i>plicata</i> var. 'Green Giant'	8	Medium	Semi-mature	Good	3	...
156	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	27	Large	Mature	Poor	ASAP	\$5,858.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
157	Maple-Red	<i>Acer</i>	<i>rubrum</i>	8	Medium	Young	Good	2	\$1,292.00
158	Styrax-Japanese Snowbell	<i>Styrax</i>	<i>japonicus</i>	10	Small	Semi-mature	Good	2	\$2,307.00
159	Ginkgo	<i>Ginkgo</i>	<i>biloba</i>	3	Small	New planting	Good	2	\$181.00
160	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	19	Large	Mature	Good	1	\$5,207.00
161	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	12,9	Large	Semi-mature	Good	1	\$3,245.00
162	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	14	Medium	Semi-mature	Good	1	\$2,827.00
163	Oak-Shumard	<i>Quercus</i>	<i>shumardii</i>	35	Large	Mature	Good	ASAP	\$23,876.00
164	Oak-Shumard	<i>Quercus</i>	<i>shumardii</i>	33	Large	Mature	Good	ASAP	\$21,482.00
165	Hornbeam-American	<i>Carpinus</i>	<i>caroliniana</i>	28	Large	Mature	Good	1	\$18,093.00
166	Hornbeam-American	<i>Carpinus</i>	<i>caroliniana</i>	13,9	Medium	Semi-mature	Good	1	\$5,769.00
167	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	19	Large	Mature	Fair	1	\$4,835.00
168	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,3,3	Small	Semi-mature	Good	2	\$607.00
169	Magnolia-Star	<i>Magnolia</i>	<i>stellata</i>	5,5,4	Small	Semi-mature	Good	2	\$1,332.00
170	Maple-Red	<i>Acer</i>	<i>rubrum</i>	17	Large	Semi-mature	Good	1	\$5,836.00
171	Styrax-Japanese Snowbell	<i>Styrax</i>	<i>japonicus</i>	8	Small	Semi-mature	Good	1	\$1,477.00
172	Maple-Red	<i>Acer</i>	<i>rubrum</i>	28	Large	Mature	Good	1	\$11,308.00
173	Maple-Red	<i>Acer</i>	<i>rubrum</i>	25	Large	Mature	Good	1	\$9,015.00
174	Cherry-Weeping	<i>Prunus</i>	<i>subhirtella</i>	7	Small	Young	Good	2	\$777.00
175	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	14	Medium	Mature	Good	1	\$4,127.00
176	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	6,5,4	Medium	Semi-mature	Fair	1	\$1,110.00
177	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	6,4,4	Medium	Semi-mature	Good	1	\$1,373.00
178	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	4,4,4	Medium	Semi-mature	Good	1	\$969.00
179	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	6	Small	Semi-mature	Good	1	\$578.00
180	Hornbeam-American	<i>Carpinus</i>	<i>caroliniana</i>	7	Medium	Semi-mature	Good	1	\$807.00
181	Ash-White	<i>Fraxinus</i>	<i>americana</i>	9	Medium	Semi-mature	Good	1	\$1,238.00
182	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	4,4,3	Medium	Semi-mature	Good	1	\$591.00
183	Magnolia-Sweetbay (4)	<i>Magnolia</i>	<i>virginiana</i>	5,4,4	Medium	Semi-mature	Good	1	\$3,288.00
184	Crabapple	<i>Malus</i>	sp.	7	Small	Semi-mature	Good	2	\$890.00
185	Dogwood-Cornelian Cherry	<i>Cornus</i>	<i>mas</i>	7,3,3	Small	Semi-mature	Good	1	\$1,104.00
186	Holly-American (5)	<i>Ilex</i>	<i>opaca</i>	5	Small	Semi-mature	Good	2	\$1,880.00
187	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	7	Medium	Young	Good	1	\$807.00
188	Maple-Red	<i>Acer</i>	<i>rubrum</i>	7	Medium	Young	Good	1	\$989.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
189	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	12	Medium	Mature	Good	1	\$3,032.00
190	Holly-Nellie R. Stevens (3)	<i>Ilex</i>	x var. 'Nellie R. Stevens'	5,4,3	Small	Semi-mature	Good	2	\$2,163.00
191	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	23	Large	Mature	Fair	1	\$5,839.00
192	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	16	Large	Semi-mature	Fair	1	\$4,220.00
193	Spruce-Norway	<i>Picea</i>	<i>abies</i>	9	Medium	Semi-mature	Fair	1	\$655.00
194	Leyland Cypress	x <i>Cupressocyparis</i>	<i>leylandii</i>	9	Medium	Semi-mature	Fair	2	\$1,001.00
195	Beech-American	<i>Fagus</i>	<i>grandifolia</i>	17	Large	Semi-mature	Fair	1	\$3,402.00
196	Yellowwood	<i>Cladrastis</i>	<i>kentukea</i>	17	Medium	Semi-mature	Fair	1	\$3,573.00
197	Maple-Red	<i>Acer</i>	<i>rubrum</i>	4	Medium	Young	Good	3	\$323.00
198	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10,9,9	Large	Mature	Good	2	\$5,290.00
199	Dawn Redwood	<i>Metasequoia</i>	<i>glyptostroboides</i>	25	Large	Mature	Good	1	\$14,965.00
200	Dawn Redwood	<i>Metasequoia</i>	<i>glyptostroboides</i>	27	Large	Mature	Good	1	\$17,455.00
201	Magnolia-Saucer	<i>Magnolia</i>	x <i>soulangeana</i>	4,4,4	Medium	Semi-mature	Good	3	...
202	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	6,4	Medium	Semi-mature	Good	1	\$750.00
203	Styrax-Japanese Snowbell	<i>Styrax</i>	<i>japonicus</i>	10,9	Medium	Mature	Good	1	\$4,177.00
204	Maple-Red	<i>Acer</i>	<i>rubrum</i>	4	Small	Young	Good	3	\$323.00
205	Birch-River	<i>Betula</i>	<i>nigra</i>	3,3,3	Medium	Young	Good	3	\$545.00
206	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	24	Large	Mature	Fair	1	\$5,934.00
207	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	25	Large	Mature	Fair	1	\$9,659.00
208	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	25	Large	Mature	Good	1	\$13,522.00
209	Maple-Red	<i>Acer</i>	<i>rubrum</i>	13	Large	Semi-mature	Good	1	\$3,412.00
210	Cedar-Atlas	<i>Cedrus</i>	<i>atlantica</i>	5	Medium	Young	Good	2	\$309.00
211	Magnolia-Sweetbay (3)	<i>Magnolia</i>	<i>virginiana</i>	5	Medium	Semi-mature	Good	1	\$1,081.00
212	Holly-Foster's	<i>Ilex</i>	x <i>attenuata</i>	5,5	Medium	Semi-mature	Fair	1	\$515.00
213	Magnolia-Saucer	<i>Magnolia</i>	x <i>soulangeana</i>	5,5,5	Small	Semi-mature	Good	2	...
214	Sweetgum-Common	<i>Liquidambar</i>	<i>styraciflua</i>	13	Medium	Semi-mature	Poor	ASAP	\$970.00
215	Maple-Red	<i>Acer</i>	<i>rubrum</i>	20	Large	Mature	Good	1	\$8,077.00
216	Holly-Foster's (6)	<i>Ilex</i>	x <i>attenuata</i>	5	Medium	Semi-mature	Fair	2	\$1,545.00
217	Maple-Red	<i>Acer</i>	<i>rubrum</i>	14	Medium	Semi-mature	Fair	1	\$2,827.00
218	Maple-Red	<i>Acer</i>	<i>rubrum</i>	15	Large	Semi-mature	Good	1	\$4,543.00
219	Maple-Red	<i>Acer</i>	<i>rubrum</i>	16	Large	Semi-mature	Good	2	\$5,169.00
220	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	5,4,3	Medium	Semi-mature	Good	1	\$1,009.00
221	Japanese Cryptomeria	<i>Cryptomeria</i>	<i>japonica</i>	6	Medium	Young	Good	3	\$726.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
222	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	4,3,3	Medium	Semi-mature	Good	1	\$490.00
223	Magnolia-Sweetbay (3)	<i>Magnolia</i>	<i>virginiana</i>	6,5,5	Medium	Semi-mature	Good	1	\$5,210.00
224	Dogwood-Cornelian Cherry	<i>Cornus</i>	<i>mas</i>	8	Medium	Semi-mature	Good	1	\$1,477.00
225	Crabapple	<i>Malus</i>	sp.	11	Medium	Semi-mature	Good	1	\$2,199.00
226	Holly-Foster's	<i>Ilex</i>	<i>x attenuata</i>	8	Medium	Semi-mature	Good	2	\$1,292.00
227	Hawthorn	<i>Crataegus</i>	sp.	9,4	Medium	Semi-mature	Fair	1	\$1,159.00
228	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	8	Small	Semi-mature	Good	1	\$791.00
229	Maple-Red	<i>Acer</i>	<i>rubrum</i>	16	Large	Semi-mature	Good	1	\$5,169.00
230	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	5	Small	Young	Good	2	\$634.00
231	Maple-Red	<i>Acer</i>	<i>rubrum</i>	14	Medium	Semi-mature	Fair	1	\$2,827.00
232	Maple-Red	<i>Acer</i>	<i>rubrum</i>	12	Medium	Semi-mature	Fair	2	\$2,077.00
233	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	36	Large	Mature	Fair	1	\$19,168.00
234	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	20	Large	Mature	Good	1	\$8,654.00
235	Maple-Red	<i>Acer</i>	<i>rubrum</i>	11	Medium	Semi-mature	Good	1	\$2,443.00
236	Cherry-Black	<i>Prunus</i>	<i>serotina</i>	8,8	Medium	Semi-mature	Fair	2	\$1,450.00
237	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	24	Large	Mature	Fair	1	\$7,714.00
238	Crabapple	<i>Malus</i>	sp.	13	Medium	Semi-mature	Fair	1	\$2,193.00
239	Maple-Crimson King	<i>Acer</i>	<i>platanooides</i> var. 'Crimson King'	16	Large	Semi-mature	Fair	1	\$3,165.00
240	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	6,4,4	Medium	Semi-mature	Good	2	\$1,726.00
241	Japanese Cryptomeria	<i>Cryptomeria</i>	<i>japonica</i>	20	Large	Mature	Good	1	\$8,077.00
242	Pagodatree-Japanese	<i>Styphnolobium</i>	<i>japonicum</i>	18	Medium	Mature	Good	1	\$6,542.00
243	Maple-Crimson King	<i>Acer</i>	<i>platanooides</i> var. 'Crimson King'	13	Medium	Semi-mature	Good	2	\$2,925.00
244	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	9,9	Medium	Semi-mature	Fair	2	\$2,002.00
245	Hemlock-Canadian	<i>Tsuga</i>	<i>canadensis</i>	5,3	Medium	Young	Fair	2	\$420.00
246	Leyland Cypress	<i>x Cupressocyparis</i>	<i>leylandii</i>	16,9,6	Large	Mature	Good	2	\$6,456.00
247	Sweetgum-Common	<i>Liquidambar</i>	<i>styraciflua</i>	19	Large	Mature	Good	2	\$6,769.00
248	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	6	Medium	Young	Fair	3	\$408.00
249	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	16	Large	Semi-mature	Good	1	\$5,538.00
250	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	27	Large	Mature	Good	2	\$15,773.00
251	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	25	Large	Mature	Good	2	\$9,916.00
252	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	6	Small	Semi-mature	Good	2	\$830.00
253	Maple-Crimson King	<i>Acer</i>	<i>platanooides</i> var. 'Crimson King'	15	Large	Semi-mature	Good	2	\$2,781.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
254	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	17	Large	Semi-mature	Fair	2	\$3,275.00
255	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	20	Large	Mature	Good	1	\$6,346.00
256	Holly-Nellie R. Stevens (5)	<i>Ilex</i>	x var. 'Nellie R. Stevens'	5	Medium	Semi-mature	Good	3	\$2,524.00
257	Maple-Crimson King	<i>Acer</i>	<i>platanoides</i> var. 'Crimson King'	18	Large	Mature	Good	2	\$4,005.00
258	Maple-Crimson King	<i>Acer</i>	<i>platanoides</i> var. 'Crimson King'	19	Large	Mature	Good	2	\$6,248.00
259	Maple-Silver	<i>Acer</i>	<i>saccharinum</i>	31	Large	Mature	Fair	ASAP	\$8,733.00
260	Honeylocust-Thornless Common	<i>Gleditsia</i>	<i>triacanthos</i> var. <i>inermis</i>	20	Large	Mature	Good	2	\$8,077.00
261	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	27	Large	Mature	Fair	1	\$9,764.00
262	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	28	Large	Mature	Fair	1	\$10,500.00
263	Oak-Shumard	<i>Quercus</i>	<i>shumardii</i>	30	Large	Mature	Fair	1	\$12,981.00
264	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	20	Large	Mature	Good	1	\$5,769.00
265	Maple-Red	<i>Acer</i>	<i>rubrum</i>	14	Large	Semi-mature	Good	2	\$3,958.00
266	Dawn Redwood	<i>Metasequoia</i>	<i>glyptostrobooides</i>	27	Large	Mature	Good	1	\$17,455.00
267	Honeylocust-Thornless Common	<i>Gleditsia</i>	<i>triacanthos</i> var. <i>inermis</i>	22	Large	Mature	Good	1	\$9,773.00
268	Holly-American (3)	<i>Ilex</i>	<i>opaca</i>	5,4	Small	Semi-mature	Fair	2	\$1,850.00
269	Magnolia-Southern	<i>Magnolia</i>	<i>grandiflora</i>	4	Small	Young	Good	3	\$323.00
270	Hornbeam-American	<i>Carpinus</i>	<i>caroliniana</i>	11,9,7	Medium	Semi-mature	Fair	2	\$4,137.00
271	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	15	Large	Semi-mature	Good	1	\$4,868.00
272	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	13	Large	Semi-mature	Good	2	\$3,656.00
273	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	9	Medium	Semi-mature	Good	1	\$1,218.00
274	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	9,6	Medium	Semi-mature	Good	1	\$2,700.00
275	Hawthorn	<i>Crataegus</i>	sp.	7	Medium	Semi-mature	Fair	2	\$585.00
276	Hawthorn	<i>Crataegus</i>	sp.	7,5,5	Medium	Semi-mature	Good	2	\$1,656.00
277	Hawthorn	<i>Crataegus</i>	sp.	7,5,5	Medium	Semi-mature	Good	2	\$1,656.00
278	Pine-Japanese Black	<i>Pinus</i>	<i>thunbergiana</i>	11	Medium	Semi-mature	Fair	2	\$1,620.00
279	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	18	Large	Mature	Good	1	\$7,010.00
280	Birch-River	<i>Betula</i>	<i>nigra</i>	5,4,4	Medium	Young	Good	2	\$1,151.00
281	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	12	Medium	Semi-mature	Fair	3	\$1,165.00
282	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	17	Large	Semi-mature	Good	1	\$6,252.00
283	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	7	Medium	Young	Good	2	\$777.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
284	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	6	Medium	Young	Good	2	\$571.00
285	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	8	Medium	Young	Good	2	\$1,015.00
286	Cedar-Deodar	<i>Cedrus</i>	<i>deodara</i>	12	Medium	Semi-mature	Good	2	\$1,483.00
287	Crabapple	<i>Malus</i>	sp.	6	Small	Young	Good	2	\$654.00
288	Elm-Siberian	<i>Ulmus</i>	<i>pumila</i>	26	Large	Mature	Fair	1	\$2,089.00
289	Plum-Purple Leaf	<i>Prunus</i>	<i>cerasifera</i>	10	Medium	Semi-mature	Fair	1	\$809.00
290	Maple-Amur	<i>Acer</i>	<i>ginnala</i>	13	Medium	Semi-mature	Good	2	\$3,900.00
291	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	23	Large	Mature	Fair	1	\$7,085.00
292	Oak-Shumard	<i>Quercus</i>	<i>shumardii</i>	28	Large	Mature	Good	1	\$15,832.00
293	Plum-Purple Leaf	<i>Prunus</i>	<i>cerasifera</i>	6	Medium	Young	Good	2	\$571.00
294	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	4	Small	Young	Fair	2	\$188.00
295	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	6	Small	Young	Fair	2	\$408.00
296	Oak-White	<i>Quercus</i>	<i>alba</i>	7	Medium	Young	Good	2	\$1,243.00
297	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	4	Small	Young	Good	2	\$369.00
298	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	15	Medium	Semi-mature	Fair	1	\$3,477.00
299	Dogwood-Cornelian Cherry	<i>Cornus</i>	<i>mas</i>	4,4,4	Small	Semi-mature	Good	1	\$1,107.00
300	Maple-Paperbark	<i>Acer</i>	<i>griseum</i>	3	Small	Young	Good	3	\$207.00
301	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	4,3,3	Small	Young	Good	2	\$765.00
302	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	15	Large	Semi-mature	Good	2	\$4,868.00
303	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	8	Medium	Semi-mature	Good	2	\$1,477.00
304	Maple-Amur	<i>Acer</i>	<i>ginnala</i>	12	Medium	Semi-mature	Good	2	\$3,323.00
305	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	12	Medium	Semi-mature	Good	2	\$3,115.00
306	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	13	Medium	Semi-mature	Good	2	\$3,656.00
307	Oak-Bur	<i>Quercus</i>	<i>macrocarpa</i>	3	Small	Young	Good	3	\$194.00
308	Plum-Purple Leaf	<i>Prunus</i>	<i>cerasifera</i>	4	Small	Young	Good	2	\$253.00
309	Leyland Cypress (5)	<i>x Cupressocyparis</i>	<i>leylandii</i>	9	Medium	Semi-mature	Good	3	\$7,010.00
310	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	4,4	Small	Young	Good	2	\$646.00
311	Holly-Nellie R. Stevens	<i>Ilex</i>	x var. 'Nellie R. Stevens'	9,6	Medium	Semi-mature	Good	2	\$2,362.00
312	Holly-Nellie R. Stevens	<i>Ilex</i>	x var. 'Nellie R. Stevens'	8	Medium	Semi-mature	Good	2	\$1,292.00
313	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	6	Medium	Semi-mature	Fair	1	\$445.00
314	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	22	Large	Mature	Good	1	\$10,472.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
315	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	23	Large	Mature	Fair	1	\$7,085.00
316	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	22	Large	Mature	Poor	ASAP	\$3,889.00
317	Honeylocust-Thornless Common	<i>Gleditsia</i>	<i>triacanthos</i> var. <i>inermis</i>	20	Large	Mature	Good	1	\$8,077.00
318	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	4	Small	Young	Good	2	\$369.00
319	Pagodatree-Japanese	<i>Sophora</i>	<i>japonica</i>	16	Large	Semi-mature	Good	1	\$4,283.00
320	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	24	Large	Mature	Good	1	\$12,462.00
321	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	18	Large	Mature	Good	1	\$7,010.00
322	Birch-River	<i>Betula</i>	<i>nigra</i>	6,5,3	Medium	Young	Good	1	\$1,413.00
323	Maple-Red	<i>Acer</i>	<i>rubrum</i>	3	Small	Young	Good	2	\$181.00
324	Hawthorn	<i>Crataegus</i>	sp.	3	Small	Young	Good	2	\$150.00
325	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	7	Small	Semi-mature	Good	1	\$1,130.00
326	Ginkgo	<i>Ginkgo</i>	<i>biloba</i>	5	Medium	Young	Good	2	\$504.00
327	Cherry-Weeping	<i>Prunus</i>	<i>subhirtella</i>	3	Small	Young	Good	3	\$142.00
328	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	3,3,3	Small	Young	Good	3	\$685.00
329	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	8	Medium	Semi-mature	Good	1	\$659.00
330	Falsecypress-Hinoki	<i>Chamaecyparis</i>	<i>obtusa</i>	8	Small	Semi-mature	Good	1	\$923.00
331	Falsecypress-Hinoki	<i>Chamaecyparis</i>	<i>obtusa</i>	5	Small	Semi-mature	Good	1	\$360.00
332	Maple-Amur	<i>Acer</i>	<i>ginnala</i>	17,13,13	Medium	Mature	Fair	1	\$10,336.00
333	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	3,2,2	Small	Young	Good	2	\$358.00
334	Maple-Amur	<i>Acer</i>	<i>ginnala</i>	10,7,7	Medium	Semi-mature	Good	1	\$4,569.00
335	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	4	Small	Young	Fair	2	\$263.00
336	Oak-Willow	<i>Quercus</i>	<i>phellos</i>	21	Large	Mature	Good	2	\$9,541.00
337	Sweetgum-Common	<i>Liquidambar</i>	<i>styraciflua</i>	15	Large	Semi-mature	Good	2	\$4,219.00
338	Elm-American	<i>Ulmus</i>	<i>americana</i>	11	Medium	Semi-mature	Good	2	\$1,973.41
339	Birch-River	<i>Betula</i>	<i>nigra</i>	3,2,2	Small	Young	Good	2	\$343.00
340	Pine-Japanese Black	<i>Pinus</i>	<i>thunbergiana</i>	10	Small	Semi-mature	Fair	3	\$1,339.00
341	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	19	Large	Mature	Poor	ASAP	\$2,231.00
342	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	23	Large	Mature	Good	1	\$7,630.00
343	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	3,2	Small	Young	Good	1	\$214.00
344	Crabapple	<i>Malus</i>	sp.	5	Small	Young	Fair	2	\$324.00
345	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	3	Small	New planting	Good	2	\$189.00
346	Holly-Nellie R. Stevens	<i>Ilex</i>	x var. 'Nellie R. Stevens'	7,5,4	Small	Semi-mature	Good	2	\$1,817.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
347	Lilac-Japanese Tree (2)	<i>Syringa</i>	<i>reticulata</i>	5,4,4	Medium	Semi-mature	Good	2	\$2,466.00
348	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	15	Large	Semi-mature	Good	1	\$4,868.00
349	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	25	Large	Mature	Fair	1	\$8,371.00
350	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	20	Large	Mature	Fair	1	\$5,357.00
351	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	23	Large	Mature	Fair	ASAP	\$7,085.00
352	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	5,4,3	Medium	Semi-mature	Good	2	\$1,009.00
353	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	23	Large	Mature	Fair	1	\$7,085.00
354	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	26	Large	Mature	Fair	1	\$9,054.00
355	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	6,5,5	Medium	Semi-mature	Good	2	\$1,382.00
356	Birch-River	<i>Betula</i>	<i>nigra</i>	4,4	Medium	Young	Good	2	\$646.00
357	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	25	Large	Mature	Good	1	\$13,522.00
358	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	4	Small	Young	Good	3	\$369.00
359	Maple-Red	<i>Acer</i>	<i>rubrum</i>	11	Medium	Semi-mature	Good	1	\$2,606.39
360	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	13	Large	Semi-mature	Good	1	\$2,681.00
361	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	4	Small	Semi-mature	Good	1	\$263.00
362	Crabapple	<i>Malus</i>	sp.	9	Small	Semi-mature	Fair	2	\$1,051.00
363	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	23	Large	Mature	Fair	ASAP	\$7,085.00
364	Linden-Littleleaf	<i>Tilia</i>	<i>cordata</i>	17	Large	Semi-mature	Good	2	\$6,086.00
365	Holly-Nellie R. Stevens	<i>Ilex</i>	x var. 'Nellie R. Stevens'	6	Small	Semi-mature	Good	3	\$726.00
366	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	20	Large	Mature	Poor	1	\$3,214.00
367	Styrax-Japanese Snowbell	<i>Styrax</i>	<i>japonicus</i>	5	Small	Semi-mature	Good	3	\$576.00
368	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	20	Large	Mature	Fair	1	\$5,357.00
369	Holly-Foster's	<i>Ilex</i>	x <i>attenuata</i>	3,3	Small	Young	Good	3	\$259.00
370	Spruce-Norway	<i>Picea</i>	<i>abies</i>	15	Large	Semi-mature	Good	1	\$3,570.00
371	Linden-Littleleaf	<i>Tilia</i>	<i>cordata</i>	13,12,11	Large	Semi-mature	Good	1	\$9,139.00
372	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	12,7	Medium	Mature	Good	1	\$4,064.00
373	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	3	Small	Young	Good	2	\$194.00
374	Maple-Red	<i>Acer</i>	<i>rubrum</i>	12	Medium	Semi-mature	Fair	1	\$2,077.00
375	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	6,4,3	Small	Young	Fair	2	\$493.00
376	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	6,3	Small	Semi-mature	Good	2	\$1,038.00
377	Maple-Red	<i>Acer</i>	<i>rubrum</i>	16	Large	Semi-mature	Good	1	\$5,169.00
378	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Medium	Semi-mature	Fair	2	\$1,442.00
379	Maple-Red	<i>Acer</i>	<i>rubrum</i>	17	Large	Semi-mature	Good	1	\$5,836.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
380	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	3,3,3	Medium	Semi-mature	Good	2	\$545.00
381	Maple-Red	<i>Acer</i>	<i>rubrum</i>	24	Large	Mature	Good	1	\$11,631.00
382	Birch-River	<i>Betula</i>	<i>nigra</i>	7,6,6	Medium	Semi-mature	Good	1	\$2,443.00
383	Birch-River	<i>Betula</i>	<i>nigra</i>	9,9	Medium	Semi-mature	Good	1	\$3,271.00
384	Maple-Red	<i>Acer</i>	<i>rubrum</i>	6	Medium	Young	Good	2	\$726.00
385	Holly-American	<i>Ilex</i>	<i>opaca</i>	8	Medium	Semi-mature	Good	2	\$1,347.00
386	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	4,4,3	Medium	Semi-mature	Good	2	\$922.00
387	Maple-Red	<i>Acer</i>	<i>rubrum</i>	6	Medium	Young	Good	2	\$726.00
388	Spruce-Norway	<i>Picea</i>	<i>abies</i>	10	Large	Semi-mature	Good	2	\$1,586.00
389	Spruce-Norway	<i>Picea</i>	<i>abies</i>	11	Large	Semi-mature	Good	2	\$1,919.00
390	Zelkova-Japanese	<i>Zelkova</i>	<i>serrata</i>	7	Medium	Young	Good	2	\$1,060.00
391	Maple-Red	<i>Acer</i>	<i>rubrum</i>	12	Medium	Semi-mature	Good	1	\$2,907.00
392	Maple-Sugar	<i>Acer</i>	<i>saccharum</i>	20	Large	Mature	Good	1	\$8,654.00
393	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	24	Large	Mature	Fair	1	\$8,901.00
394	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	5,4	Small	Semi-mature	Good	2	\$946.00
395	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	4,3,3	Small	Young	Good	3	\$863.00
396	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	3,3	Small	Young	Fair	3	\$222.00
397	Leyland Cypress	<i>x Cupressocyparis</i>	<i>leylandii</i>	22	Large	Mature	Good	1	\$8,377.00
398	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	7,6,5	Medium	Semi-mature	Good	1	\$1,813.00
399	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	20	Medium	Mature	Good	1	\$6,346.00
400	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	6	Medium	Young	Good	2	\$830.00
401	Falsecypress-Hinoki	<i>Chamaecyparis</i>	<i>obtusa</i>	4,3	Small	Young	Good	3	\$360.00
402	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	8,7,5	Medium	Semi-mature	Good	1	\$2,906.00
403	Birch-River	<i>Betula</i>	<i>nigra</i>	14,13,12	Large	Mature	Good	1	\$10,278.00
404	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	3,2,2	Small	Young	Good	3	\$343.00
405	Arborvitae (2)	<i>Thuja</i>	sp.	6	Medium	Semi-mature	Good	3	\$890.00
406	Arborvitae-Green Giant (5)	<i>Thuja</i>	<i>standishii x plicata x plicata</i> var. 'Green Giant'	6	Medium	Semi-mature	Good	3	...
407	Falsecypress-Hinoki	<i>Chamaecyparis</i>	<i>obtusa</i>	5	Small	Semi-mature	Good	3	\$360.00
408	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	16	Large	Semi-mature	Good	2	\$4,061.00
409	Holly-Common Winterberry	<i>Ilex</i>	<i>verticillata</i>	3,2,2	Small	Semi-mature	Good	3	\$245.00
410	Holly-Nellie R. Stevens	<i>Ilex</i>	x var. 'Nellie R. Stevens'	5,3	Small	Semi-mature	Good	3	\$490.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
411	Cedar-Atlas	<i>Cedrus</i>	<i>atlantica</i>	7,6	Medium	Semi-mature	Fair	2	\$1,050.00
412	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	24	Large	Mature	Good	2	\$9,139.00
413	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	4,3,3	Medium	Semi-mature	Good	3	\$863.00
414	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	5,4,4	Small	Semi-mature	Good	2	\$986.00
415	Oak-Northern Red	<i>Quercus</i>	<i>rubra</i>	16	Large	Semi-mature	Fair	2	\$3,956.00
416	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	2,2,2	Small	Young	Good	2	\$270.00
417	Magnolia-Saucer	<i>Magnolia</i>	<i>x soulangeana</i>	6,6,5	Medium	Semi-mature	Good	2	...
418	Maple-Crimson King	<i>Acer</i>	<i>platanoides</i> var. 'Crimson King'	13	Medium	Semi-mature	Good	2	\$2,925.00
419	Maple-Crimson King	<i>Acer</i>	<i>platanoides</i> var. 'Crimson King'	16	Large	Semi-mature	Good	2	\$4,431.00
420	Mimosa	<i>Albizia</i>	<i>julibrissin</i>	14	Large	Semi-mature	Fair	2	\$1,009.00
421	Arborvitae-Green Giant	<i>Thuja</i>	<i>standishii x plicata</i> <i>x plicata</i> var. 'Green Giant'	5,5,4	Medium	Semi-mature	Good	3	...
422	Holly-American	<i>Ilex</i>	<i>opaca</i>	8	Medium	Semi-mature	Good	3	\$1,347.00
423	Arborvitae (16)	<i>Thuja</i>	sp.	3,3,3	Small	Semi-mature	Good	3	\$7,477.00
424	Holly-Foster's (10)	<i>Ilex</i>	<i>x attenuata</i>	4,3,3	Medium	Semi-mature	Good	3	\$6,866.00
425	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	12	Small	Semi-mature	Fair	2	\$1,780.00
426	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	7,7,6	Medium	Semi-mature	Fair	2	\$1,656.00
427	Holly-Foster's	<i>Ilex</i>	<i>x attenuata</i>	6,5	Medium	Semi-mature	Good	2	\$1,231.00
428	Birch-River	<i>Betula</i>	<i>nigra</i>	6,6,6	Medium	Semi-mature	Good	1	\$2,180.00
429	Birch-River	<i>Betula</i>	<i>nigra</i>	4,4,4	Medium	Young	Good	1	\$969.00
430	Birch-River	<i>Betula</i>	<i>nigra</i>	3,3,3	Small	Young	Good	1	\$545.00
431	Birch-River	<i>Betula</i>	<i>nigra</i>	3,3,3	Small	Young	Good	1	\$545.00
432	Lilac-Japanese Tree	<i>Syringa</i>	<i>reticulata</i>	7,6,5	Small	Semi-mature	Fair	2	\$1,700.00
433	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	8,6,5	Medium	Semi-mature	Good	1	\$1,803.00
434	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	7	Medium	Semi-mature	Good	1	\$706.00
435	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	3,3,3	Small	Young	Fair	2	\$389.00
436	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	5,5,4	Medium	Semi-mature	Good	1	\$952.00
437	Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>	9	Medium	Semi-mature	Fair	2	\$500.00
438	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	5,4,4	Medium	Semi-mature	Fair	2	\$822.00
439	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	6,5,5	Medium	Semi-mature	Good	1	\$1,240.00
440	Lilac-Japanese Tree	<i>Syringa</i>	<i>reticulata</i>	6,6,6	Medium	Semi-mature	Fair	2	\$1,669.00
441	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	7,7,6	Medium	Semi-mature	Good	1	\$1,932.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
442	Holly-Nellie R. Stevens	<i>Ilex</i>	^x var. 'Nellie R. Stevens'	3,2,2	Small	Young	Good	3	\$343.00
443	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	7	Medium	Semi-mature	Poor	2	\$484.00
444	Maple-Crimson King	<i>Acer</i>	<i>platanoides</i> var. 'Crimson King'	18	Large	Mature	Good	1	\$5,608.00
445	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	4,3,3	Medium	Semi-mature	Good	2	\$616.00
446	Holly-Foster's	<i>Ilex</i>	<i>x attenuata</i>	3,2	Small	Young	Good	2	\$187.00
447	Magnolia-Southern	<i>Magnolia</i>	<i>grandiflora</i>	3	Small	Young	Good	3	\$181.00
448	Leyland Cypress	<i>x Cupressocyparis</i>	<i>leylandii</i>	3	Small	Young	Good	3	\$155.00
449	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	3,3	Small	Young	Good	3	\$379.00
450	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	4,3,3	Small	Young	Good	3	\$765.00
451	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	4,3,3	Small	Young	Good	3	\$765.00
452	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,2,2	Small	Young	Good	3	\$382.00
453	Willow-Babylon Weeping	<i>Salix</i>	<i>babylonica</i>	4	Small	Young	Good	3	\$230.00
454	Parrotia-Persian	<i>Parrotia</i>	<i>persica</i>	8,7,7	Medium	Semi-mature	Good	3	\$3,271.00
455	Arborvitae-Green Giant (5)	<i>Thuja</i>	<i>standishii x plicata</i> <i>x plicata</i> var. 'Green Giant'	3	Small	Young	Good	3	...
456	Arborvitae-Green Giant	<i>Thuja</i>	<i>standishii x plicata</i> <i>x plicata</i> var. 'Green Giant'	3,2	Small	Young	Good	3	...
457	Arborvitae-Green Giant	<i>Thuja</i>	<i>standishii x plicata</i> <i>x plicata</i> var. 'Green Giant'	3	Small	Young	Good	3	...
458	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	3	Small	Young	Good	3	\$228.00
459	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	28	Large	Mature	Fair	2	\$8,077.00
460	Yellowwood	<i>Cladrastis</i>	<i>kentukeya</i>	14,14,13	Large	Mature	Fair	2	\$6,936.00
461	Oak-Willow	<i>Quercus</i>	<i>phellos</i>	32	Large	Mature	Good	2	\$21,707.00
462	Maple-Red	<i>Acer</i>	<i>rubrum</i>	10	Medium	Semi-mature	Good	2	\$2,019.00
463	Willow	<i>Salix</i>	sp.	7,6,4	Small	Semi-mature	Fair	2	\$1,040.00
464	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	4,3,3	Small	Semi-mature	Good	2	\$863.00
465	Holly-American	<i>Ilex</i>	<i>opaca</i>	7	Medium	Semi-mature	Good	3	\$1,031.00
466	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	3,3,3	Small	Semi-mature	Fair	3	\$317.00
467	Holly-American	<i>Ilex</i>	<i>opaca</i>	4	Medium	Semi-mature	Fair	3	\$103.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
468	Pear-Callery	<i>Pyrus</i>	<i>calleryana</i>	20	Large	Mature	Fair	1	\$2,943.00
469	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	6	Small	Semi-mature	Good	2	\$913.00
470	Yellowwood	<i>Cladrastis</i>	<i>kentukeya</i>	10,9,8	Medium	Semi-mature	Good	2	\$4,240.00
471	Holly-Foster's (2)	<i>Ilex</i>	<i>x attenuata</i>	4	Small	Semi-mature	Good	3	\$646.00
472	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	7	Small	Semi-mature	Fair	3	\$396.00
473	Arborvitae (3)	<i>Thuja</i>	sp.	3,3,3	Small	Semi-mature	Good	3	\$1,402.00
474	Juniper	<i>Juniperus</i>	sp.	6	Medium	Semi-mature	Good	3	\$726.00
475	Hawthorn	<i>Crataegus</i>	sp.	7	Medium	Semi-mature	Good	3	\$819.00
476	Hawthorn	<i>Crataegus</i>	sp.	6,6,5	Medium	Semi-mature	Good	1	\$1,623.00
477	Hawthorn	<i>Crataegus</i>	sp.	8	Medium	Semi-mature	Poor	1	\$458.00
478	Hawthorn	<i>Crataegus</i>	sp.	9	Medium	Semi-mature	Good	2	\$1,355.00
479	Hawthorn	<i>Crataegus</i>	sp.	9,5	Medium	Semi-mature	Good	2	\$1,773.00
480	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	2,2,2	Small	Young	Good	2	\$270.00
481	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	3,2,2	Small	Young	Good	2	\$308.00
482	Magnolia-Sweetbay (6)	<i>Magnolia</i>	<i>virginiana</i>	3,3,3	Small	Young	Good	2	\$3,271.00
483	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,3,3	Small	Young	Good	2	\$433.00
484	Magnolia-Saucer	<i>Magnolia</i>	<i>x soulangeana</i>	4	Small	Young	Good	2	...
485	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	6,6,5	Small	Semi-mature	Fair	2	\$1,599.00
486	Holly-Nellie R. Stevens	<i>Ilex</i>	<i>x</i> var. 'Nellie R. Stevens'	6,6	Small	Semi-mature	Good	3	\$1,453.00
487	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	7	Medium	Semi-mature	Poor	2	\$333.00
488	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	2	Small	New planting	Good	4	\$84.00
489	Lilac-Common	<i>Syringa</i>	<i>vulgaris</i>	3,3,3	Medium	Semi-mature	Fair	3	\$389.00
490	Cherry-Weeping	<i>Prunus</i>	<i>subhirtella</i>	6,6,5	Medium	Semi-mature	Good	2	\$1,539.00
491	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	5,4	Small	Semi-mature	Fair	2	\$743.00
492	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,2,2	Small	Semi-mature	Good	2	\$273.00
493	Holly-Chinese	<i>Ilex</i>	<i>cornuta</i>	4,3,3	Small	Semi-mature	Good	2	\$523.12
494	Elm-American	<i>Ulmus</i>	<i>americana</i>	6	Medium	Semi-mature	Good	2	\$550.00
495	Birch-River	<i>Betula</i>	<i>nigra</i>	6,6,4	Medium	Semi-mature	Good	2	\$1,777.00
496	Holly-American (2)	<i>Ilex</i>	<i>opaca</i>	3	Small	Young	Good	4	\$379.00
497	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	2,2,2	Small	Young	Good	4	\$242.00
498	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	2,2,2	Small	Young	Good	4	\$242.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
499	Arborvitae-Green Giant (4)	<i>Thuja</i>	<i>standishii x plicata</i> x <i>plicata</i> var. 'Green Giant'	6	Medium	Semi-mature	Good	3	...
500	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	5	Small	Semi-mature	Fair	1	\$376.00
501	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	3	Small	Semi-mature	Good	1	\$189.00
502	Pine-Eastern White	<i>Pinus</i>	<i>strobus</i>	25	Large	Mature	Good	2	\$9,916.00
503	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	3	Small	Young	Good	3	\$207.00
504	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,2,2	Small	Young	Good	3	\$382.00
505	Spruce-Colorado Blue	<i>Picea</i>	<i>pungens</i>	3,2	Small	Young	Good	3	\$206.00
506	Dogwood-Kousa	<i>Cornus</i>	<i>kousa</i>	6,4	Small	Semi-mature	Good	3	\$1,320.00
507	Holly-English	<i>Ilex</i>	<i>aquifolium</i>	5	Small	Semi-mature	Good	3	\$504.00
508	Hawthorn	<i>Crataegus</i>	sp.	9	Medium	Semi-mature	Good	2	\$1,355.00
509	Hawthorn	<i>Crataegus</i>	sp.	6,6,6	Medium	Semi-mature	Fair	1	\$1,290.00
510	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	2	Small	Young	Good	4	\$80.00
511	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,2,2	Small	Young	Good	4	\$382.00
512	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	2,2,2	Small	Young	Good	4	\$270.00
513	Cedar-Atlas	<i>Cedrus</i>	<i>atlantica</i>	3,3	Small	Young	Good	4	\$332.34
514	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	4,3	Small	Semi-mature	Good	4	\$576.00
515	Goldenraintree-Paniced	<i>Koelreuteria</i>	<i>paniculata</i>	9,4	Medium	Semi-mature	Fair	2	\$1,259.00
516	Viburnum	<i>Viburnum</i>	sp.	4,3,3	Small	Semi-mature	Good	1	\$490.00
517	Cherry-Flowering	<i>Prunus</i>	<i>serrulata</i>	4	Small	Young	Good	2	\$253.00
518	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	4,4,4	Medium	Semi-mature	Good	2	\$1,080.00
519	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	2,2	Small	Young	Good	3	\$161.00
520	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	4	Small	Young	Fair	2	\$197.00
521	Maple-Red	<i>Acer</i>	<i>rubrum</i>	9	Medium	Semi-mature	Good	2	\$1,635.00
522	Holly-American	<i>Ilex</i>	<i>opaca</i>	3	Small	Young	Good	2	\$189.00
523	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	5,4,4	Small	Semi-mature	Fair	2	\$939.00
524	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,2,2	Small	Young	Good	1	\$273.00
525	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	6,6,5	Medium	Semi-mature	Good	1	\$1,399.00
526	Arborvitae-Green Giant (3)	<i>Thuja</i>	<i>standishii x plicata</i> x <i>plicata</i> var. 'Green Giant'	6,5	Small	Semi-mature	Good	1	...
527	Dogwood-Flowering	<i>Cornus</i>	<i>florida</i>	2	Small	New planting	Good	4	\$69.00
528	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	2,2,2	Small	Young	Good	2	\$192.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
529	Cedar-Atlas	<i>Cedrus</i>	<i>atlantica</i>	6	Small	Semi-mature	Fair	2	\$317.00
530	Juniper	<i>Juniperus</i>	sp.	5	Medium	Semi-mature	Good	2	\$360.00
531	Arborvitae	<i>Thuja</i>	sp.	6,5,5	Medium	Semi-mature	Good	2	\$1,488.00
532	Cherry-Weeping	<i>Prunus</i>	<i>subhirtella</i>	2	Small	Young	Good	4	\$63.00
533	Linden-American	<i>Tilia</i>	<i>americana</i>	4	Small	Young	Good	3	\$336.00
534	Linden-American	<i>Tilia</i>	<i>americana</i>	4	Small	Young	Good	3	\$336.00
535	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	4	Small	Young	Good	3	\$336.00
536	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	3,2,2	Small	Young	Good	2	\$358.00
537	Holly-Foster's	<i>Ilex</i>	<i>x attenuata</i>	4	Medium	Young	Fair	2	\$164.00
538	Arborvitae-Green Giant (6)	<i>Thuja</i>	<i>standishii x plicata</i> <i>x plicata</i> var. 'Green Giant'	4	Small	Young	Good	4	...
539	Holly-Foster's (2)	<i>Ilex</i>	<i>x attenuata</i>	5,4	Small	Semi-mature	Good	4	\$1,655.00
540	Lilac-Japanese Tree	<i>Syringa</i>	<i>reticulata</i>	5	Small	Semi-mature	Good	2	\$231.00
541	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	2,2,2	Small	Young	Good	2	\$115.00
542	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	2,2,2	Small	Young	Good	2	\$115.00
543	Maple-Japanese	<i>Acer</i>	<i>palmatum</i>	3,3,2	Small	Young	Good	2	\$507.00
544	Falsecypress-Hinoki	<i>Chamaecyparis</i>	<i>obtusata</i>	5,3	Small	Semi-mature	Good	2	\$686.00
545	Spruce-White (2)	<i>Picea</i>	<i>glauca</i>	8	Small	Semi-mature	Good	4	\$2,166.35
546	Locust-Black	<i>Robinia</i>	<i>pseudoacacia</i>	14	Large	Semi-mature	Fair	1	\$2,221.00
547	Maple-Boxelder	<i>Acer</i>	<i>negundo</i>	20	Large	Mature	Fair	1	\$3,297.00
548	Ash-White	<i>Fraxinus</i>	<i>americana</i>	20,18,18	Large	Mature	Dead	1	...
549	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	3,2,2	Small	Young	Fair	3	\$245.00
550	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	3,2,1	Small	Young	Fair	3	\$201.00
551	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	3,3,3	Small	Young	Fair	3	\$389.00
552	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,2,2	Small	Young	Good	2	\$382.00
553	Crapemyrtle-Common	<i>Lagerstroemia</i>	<i>indica</i>	3,2,2	Small	Young	Good	2	\$382.00
554	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Fair	3	\$60.00
555	Magnolia-Sweetbay	<i>Magnolia</i>	<i>virginiana</i>	2,2,2	Small	New planting	Fair	3	\$173.00
556	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Fair	3	\$60.00
557	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Fair	3	\$60.00
558	Magnolia-Saucer	<i>Magnolia</i>	<i>x soulangeana</i>	4,4,4	Small	Young	Good	3	...

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
559	Holly-American	<i>Ilex</i>	<i>opaca</i>	7,5	Small	Semi-mature	Fair	3	\$1,113.00
560	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	2	Small	New planting	Good	4	\$84.00
561	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	3	Small	New planting	Good	4	\$189.00
562	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	2	Small	New planting	Good	4	\$84.00
563	Holly-American (5)	<i>Ilex</i>	<i>opaca</i>	2	Small	New planting	Fair	4	\$300.00
564	Hackberry	<i>Celtis</i>	<i>occidentalis</i>	2	Small	New planting	Good	4	\$72.00
565	Oak-Swamp White	<i>Quercus</i>	<i>bicolor</i>	3	Small	New planting	Good	4	\$228.00
566	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	3	Small	New planting	Good	4	\$168.00
567	Hackberry	<i>Celtis</i>	<i>occidentalis</i>	2	Small	New planting	Good	4	\$72.00
568	Hackberry	<i>Celtis</i>	<i>occidentalis</i>	2	Small	New planting	Fair	4	\$51.00
569	Hackberry	<i>Celtis</i>	<i>occidentalis</i>	2	Small	New planting	Good	4	\$72.00
570	Oak-Willow	<i>Quercus</i>	<i>phellos</i>	2	Small	New planting	Good	4	\$37.00
571	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	2	Small	New planting	Good	4	\$92.00
572	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	3	Small	New planting	Good	4	\$207.00
573	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	3	Small	New planting	Fair	4	\$148.00
574	Oak-Willow	<i>Quercus</i>	<i>phellos</i>	2	Small	New planting	Fair	4	\$61.00
575	Oak-Willow	<i>Quercus</i>	<i>phellos</i>	2	Small	New planting	Good	4	\$86.00
576	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	2	Small	New planting	Good	4	\$92.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
577	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	2	Small	New planting	Good	4	\$92.00
578	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	2	Small	New planting	Good	4	\$92.00
579	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Good	4	\$84.00
580	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	2	Small	New planting	Good	4	\$84.00
581	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	2	Small	New planting	Good	4	\$84.00
582	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	2	Small	New planting	Good	4	\$84.00
583	Redbud-Eastern	<i>Cercis</i>	<i>canadensis</i>	2	Small	New planting	Good	4	\$84.00
584	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Good	4	\$84.00
585	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	2	Small	New planting	Good	4	\$92.00
586	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Good	4	\$84.00
587	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Good	4	\$84.00
588	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	2	Small	New planting	Good	4	\$92.00
589	Linden-American	<i>Tilia</i>	<i>americana</i>	2	Small	New planting	Fair	4	\$60.00
590	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	2	Small	New planting	Good	4	\$75.00
591	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	2	Small	New planting	Good	4	\$92.00
592	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	2	Small	New planting	Good	4	\$92.00
593	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	2	Small	New planting	Good	4	\$92.00
594	Holly-American (3)	<i>Ilex</i>	<i>opaca</i>	2	Small	New planting	Good	4	\$252.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
595	Hackberry	<i>Celtis</i>	<i>occidentalis</i>	2	Small	New planting	Good	4	\$72.00
596	Hackberry	<i>Celtis</i>	<i>occidentalis</i>	2	Small	New planting	Good	4	\$72.00
597	Hackberry	<i>Celtis</i>	<i>occidentalis</i>	2	Small	New planting	Good	4	\$72.00
598	Tupelo-Black	<i>Nyssa</i>	<i>sylvatica</i>	2	Small	New planting	Good	4	\$92.00
599	Elm-Chinese	<i>Ulmus</i>	<i>parvifolia</i>	2	Small	New planting	Good	4	\$92.00
600	Oak-Pin	<i>Quercus</i>	<i>palustris</i>	2	Small	New planting	Good	4	\$75.00

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

Lightning Protection Systems

Maintenance Pruning Program

Monitor IPM Program

Mulch Application Guidelines

Tree Risk Assessments

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]

buttress 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 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.

Global Positioning System receiver (GPSr): A receiver that receives its input from GPS satellites to determine 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]

micronutrient: 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. [ANSI 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]