

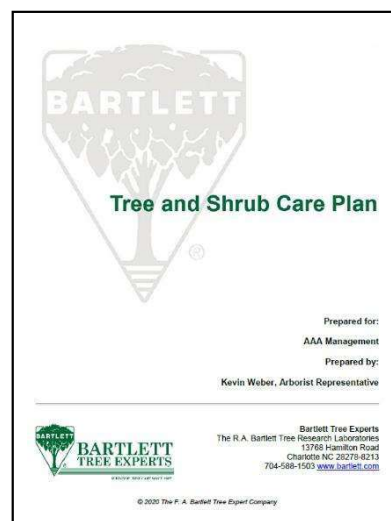
Tree Management Service Options



Bartlett offers several services to increase the property owners/managers' understanding of trees and shrubs on their property. These services help the client identify and prioritize needs, enabling them to plan and schedule implementation. While each project is customized to the property owner/manager's needs, the general options we offer are:

Tree and Shrub Care Plan

A Tree and Shrub Care Plan (TSCP) provides a better understanding of your trees and shrubs, a planned approach for maintenance, and the ability to budget for future needs. A Bartlett Arborist starts by thoroughly evaluating the trees and shrubs on your property. A Tree and Shrub Care Plan is created to provide you with a multi-year or phased plan that prioritizes immediate needs and intermediate and future recommendations. The plan also includes recommendations on specific soil or plant health care when observed issues affect tree condition or growth. Whether you have a residential, institutional, or commercial property, a Tree and Shrub Care Plan is an adaptable and custom plan that allows you to understand the needs of your trees and shrubs and how to budget for their care.



It is important to understand that this is not a risk assessment, nor is it a complete inventory and management plan, which are described next.

Management Plan

When a more complete understanding of your trees is needed, a tree inventory can be conducted to create a management plan. The plan summarizes all the information collected including species, condition, location, size, maturity, observed pests/diseases, observations, and prioritized management recommendations. Management Plans describe the maintenance needs over the next three to five years. In addition, clients may ask for tree risk assessments, environmental benefit information, planting opportunities, or other management focus. Bartlett Consulting Arborists are trained and experienced, credentialed by the International Society of Arboriculture, (ISA), and maintain an ISA Tree Risk Assessment Qualification, (for tree risk assessments) to conduct tree inventories and create management plans.

Tree Risk Assessment

Tree risk assessments are performed to identify, analyze, and evaluate the risk associated with your trees. Tree risk assessments require special expertise and should only be performed when risk information is required to help make a management decision. Tree risk assessments can be performed on a single tree, several trees, on a large population of trees, and/or in combination with a tree inventory and management plan. These assessments range from visual assessments to advanced assessments where specialized equipment is required. Consulting Arborists that are ISA Certified and Tree Risk Assessment Qualified are utilized for these assessments.

Collected Attributes

If you are considering having a tree inventory or needs assessment conducted on your property, one of the most important steps is to determine what attributes (information) will be collected for each tree on the site. The attributes collected and the presentation of that data drive the entire inventory process.

There are many categories of attributes that can be recorded for a tree, and the most common are presented in this handout. Keep in mind that data to be collected is not limited to the items in this list; however, it must be reiterated that the data that is to be collected must be known before fieldwork begins on-site.



Bartlett evaluates the entire tree when documenting attributes in the field.

Typical Data Attributes

Data Field	Descriptions / Options
Botanical Name	According to local ISA chapter Tree Species list
Common Name	According to local ISA chapter Tree Species list
Tree ID Number	Sequential numbering
Diameter at Breast Height (DBH) (4.5' above grade) or Caliper (12" above grade)	Inches (Centimeters) Record up to 6 largest stems
Number of Stems	Record total number of stems
Condition Class	Dead, Poor, Fair, or Good
Tree & Shrub Work Phase	ASAP, 1, 2, 3, 4, 5
Pruning Category	Risk mitigation, Maintenance, Developmental, Ornamental, Specialized
Pruning System	Natural, Fruit production, Hedge, Pollard, Topiary, Espalier
Pruning Goals	Develop branch structure, Reduce risk of branch failure, Reduce density, Clearance, Reduce spread of crown, Enhance view, etc.
Removal	Remove, Wildlife snag
Lightning Protection (LP)	New, Inspect, Repair
Plant Health Care (PHC)	Adelgid treatment, Bark beetle treatment, Borer treatment, Dutch Elm Disease treatment (OED), Mite treatment, Scale treatment, etc.
Root Collar Excavation (RCX)	Excavation of soil/mulch from around the stem/root flare.
Soil Care	Root Invigoration™, Soil Rx®, or Micronutrient
Tree Observations	Wound, Decay suspected, Broken branches, Good vigor, etc.

Typical Deliverables

There are numerous ways that the results of a tree management service can be provided. Examples of common deliverables are provided below.

- Printed and digital copy (*.pdf) of the written deliverable
- Custom maps (*.pdf)
- Excel spreadsheets (*.xlsx, *.csv)
- GIS data (*.shp, *.gdb, *.kml)
- Database files (*.dbf)

ArborScope™

ArborScope™ (www.arborscope.com) is our web-based tree inventory and management program. ArborScope™ is the latest in sustainable, high-tech landscape management software that allows tree owners/managers to systematically track and plan for tree maintenance needs.



The program allows for customization of each inventory and gives the client complete control over their data and access to their data. Inventories and data will be overlaid on Google Maps™ and the program will provide a simple efficient means to view, update, and query any collected information. Information can be displayed in maps, tables, and standard or custom report views.

For questions specifically concerning ArborScope™, reach out to arborscope@bartlett.com.

For more information, please contact Bartlett Consulting at consulting@bartlett.com or visit www.bartlett.com/bartlett-consulting.cfm.

Bartlett Consulting is a division of The F.A. Bartlett Tree Expert Company with Consulting teams located throughout the United States, Canada, the United Kingdom, and Ireland. This highly educated, experienced, and qualified team provide a wide range of services that include tree preservation, construction monitoring, creation of management plans, tree inventories, tree risk assessments and mitigation plans, and development and support for Bartlett's web-based tree management program ArborScope™.

