



# Tree and Shrub Care Plan

**Prepared for:**

**C Richardson - Orchard**

**Prepared by:**

**J.C.Philpott, Arborist Representative**



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## TREE AND SHRUB CARE PLAN

April 28, 2023

C RICHARDSON - ORCHARD

Thank you for allowing Bartlett Tree Experts the opportunity to provide you with the attached Tree and Shrub Care Plan. This plan is being provided to assist you in managing your plant health care needs in order to maintain a beautiful, vibrant and sustainable landscape on your property.

During the visit to your property the arborist was able to conduct a visual inspection from the ground. The purpose of this inspection was to gain an understanding of the tree and shrub species on the property, the insect and disease populations, the cultural and environmental conditions, and any other factors that help us assess your trees and shrubs and provide professional recommendations for you to maintain a sound, healthy landscape. While this inspection is not a tree inventory, tree risk assessment or safety inspection, the arborist does identify any obvious safety concerns that are apparent at the time of the inspection so that you may better understand and address the risks associated with your trees and shrubs.

For your convenience, the plan is separated into three categories; immediate needs, intermediate recommendations, and future recommendations. Immediate needs (Phase 1) are tree and shrub issues that we feel require immediate attention. Often, these needs will consist of the pruning of dead branches that overhang pavement, footpaths, driveways, structures, or lawn areas, dead trees near structures, or some other need that if left unattended could create a dangerous or costly situation. Intermediate recommendations (Phase 2) are made for tree and shrub maintenance needs such as routine pruning, lightning protection systems, and cabling and bracing system requirements. Future recommendations (Phase 3) are often made for anticipated tree and shrub growth or to promote proper plant structure.

Specific soil or plant health care recommendations are made when issues are observed that could affect tree condition or growth. Finally, additional property considerations are included, that in combination with all the recommendations can help maintain a sustainable, beautiful landscape.

You may also view your trees on an interactive map with ArborScope™ - Bartlett's web-based tree management software. [Click here](#) to explore the map, review recommendations, and learn more about your trees!

After you review this plan, please feel free to contact me to discuss any thoughts, questions, or concerns. Once we have been able to discuss the findings, a separate proposal can be provided for any recommended work that you would like to see implemented. Thank you again for this opportunity.

Best regards,

Jim Philpott, Bartlett Tree Experts

## THE C RICHARDSON - ORCHARD PROPERTY

The area subject to the tree and shrub care plan is a small orchard approximately a hectare in size adjacent to the Pocklington Canal. Many of the trees are mature in age with some over mature. Very little fruit tree pruning has occurred in the past and as such the trees are starting to fall into disrepair and decline. There are several trees that will require removal as they have gone too far into decline. Where trees are removed it is recommended that they are re-placed with a suitable specimen. As the Orchard matures other trees will succumb to disease and with this in mind a planting program of new trees should be initiated.

## PROPOSED LOCATION OF CAMPING POD

The owners of the Orchard are keen to utilize the area as much as possible and with this in mind wish to locate a temporary structure that can be used by them. The proposed setting of the pod will be between trees 6 & 7. The pod will be approximately 3.5m wide and 5.3m long. If the pod is positioned between the trees, it will not have any adverse effect to the rooting zones of either tree.

Additionally, the pod will be placed on a base of permeable cell pavers. That will be filled with permeable matter. This will displace the weight of the pod over a larger area and ensure compaction of the soils adjacent to the tree rooting zones will be kept to a minimum.

## PLAN CONTENTS

The recommendations additional property considerations are summarised in the following sections.

For your convenience, a map has been provided to show the location of these trees and shrubs along with a corresponding identification number. Please note that this plan may not include all trees and shrubs on the property.

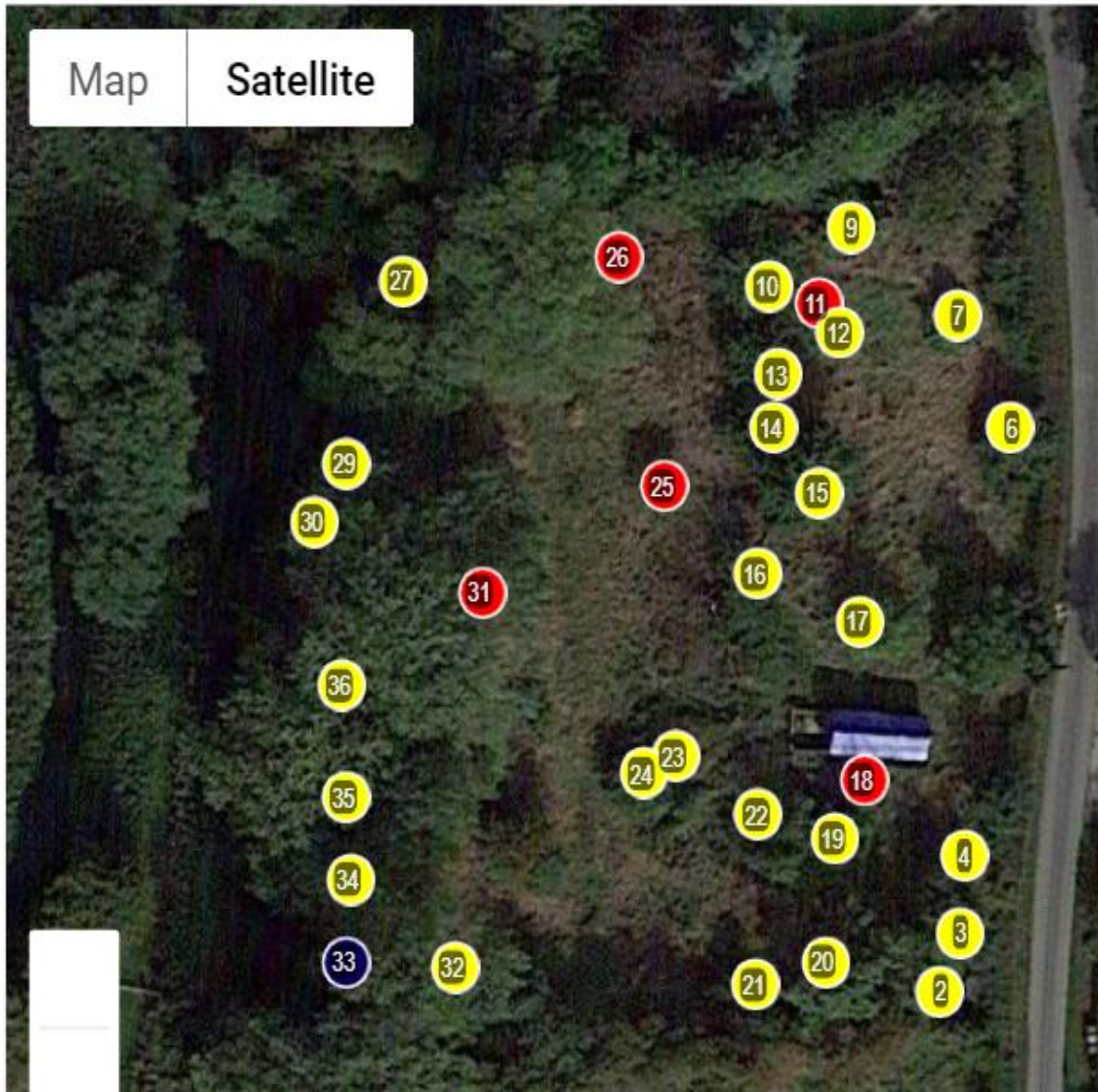
As tree or shrub condition is a key factor in the inspection, we have provided definitions for the condition class that may be assigned to each plant or group of plants.

- **Good**  
Vigorous annual extension growth of terminal and lateral buds creating a dense and 'full' crown. Good leaf colour and typical leaf size for the species. No signs of dieback or decline within the crown.
- **Moderate**  
Parts of crown indicate reduced vitality with reduced terminal and lateral extension growth creating 'gaps' in the crown. Initial signs of dieback may be evident with possible leaf discolouration (chlorotic) and/or unusual leaf size for species.
- **Poor**  
Approximately >30% of the crown exhibiting branch dieback and decline, with 'fragmented' appearance possibly containing numerous broken branches and bark loss on branches and stem. Poor leaf colour and stunted leaf growth.
- **Dead**  
The tree or shrub no longer has living tissue to sustain growth. Alternatively, the current

decline is so severe that tree or shrub looks visually dead although there may be some living tissue left; however, there are no mitigation options that would be able to improve health and condition to an acceptable level.

As you are reviewing this plan we welcome you to access additional information online at our website at <https://www.bartlett.com/bartlett-resources.cfm>, and see the many advantages and resources available to Bartlett clients through our resource library. You will also be able to find specific information on the types of recommendations made for your trees and shrubs.

## TREE AND SHRUB MAP



[Click here](#) to view an interactive version of this map on ArborScope™.

### IMMEDIATE NEEDS (PHASE 1)

Often, these needs will consist of the pruning of dead branches that overhang pavements, footpaths, driveways, structures, or lawn areas, dead trees near structures, or some other need that if left unattended could create a dangerous or costly situation. The immediate needs for your property are described in the following table:

Tree ID	Common Name	Condition Class	Recommendations
3	Apple-Common	Fair	<ul style="list-style-type: none"><li>Prune: Formative</li></ul>
6	Apple-Common	Fair	<ul style="list-style-type: none"><li>Prune: Formative</li></ul>

Tree ID	Common Name	Condition Class	Recommendations
7	Apple-Common	Fair	• Prune: Formative
9	Apple-Common	Fair	• Prune: Formative
10	Apple-Common	Fair	• Prune: Formative
12	Cherry	Fair	• Prune: Formative
14	Apple-Common	Fair	• Prune: Formative
16	Cherry	Fair	• Remove
17	Apple-Common	Fair	• Prune: Formative
21	Apple-Common	Fair	• Prune: Formative
22	Apple-Common	Fair	• Prune: Crown reduction and reshaping
23	Apple-Common	Fair	• Prune: Crown reduction and reshaping • Prune: Formative
27	Willow	Fair	• Prune: Crown reduction and reshaping
29	Poplar	Fair	• Prune: Crown reduction and reshaping
31	Cherry	Poor	• Remove

### INTERMEDIATE RECOMMENDATIONS (PHASE 2)

These recommendations are made for tree and shrub maintenance needs such as routine pruning, lightning protection systems, and cabling and bracing system requirements. The intermediate recommendations for your property are described in the following table:

Tree ID	Common Name	Condition Class	Recommendations
2	Apple-Common	Fair	• Remove
4	Maple-Sycamore	Fair	• Prune: Formative
13	Apple-Common	Fair	• Prune: Formative
15	Pear-Common	Fair	• Prune: Formative
18	Cherry	Poor	• Remove
19	Apple-Common	Fair	• Prune: Formative
20	Pear	Fair	• Prune: Remove dead branch(s)
24	Apple-Common	Fair	• Prune: Formative
32	Apple-Common	Fair	• Prune: Formative
34	Poplar	Fair	• Prune: Crown reduction and reshaping
36	Poplar	Fair	• Prune: Crown reduction and reshaping

These recommendations can be addressed upon completion of the immediate needs items. Timing should be driven by your goals and objectives

### FUTURE RECOMMENDATIONS (PHASE 3)

These recommendations are often made for anticipated tree and shrub growth or to promote proper plant structure. The future recommendations for your property are described in the following table:

Tree ID	Common Name	Condition Class	Recommendations
11	Plum	Poor	• Remove
25	Apple-Common	Poor	• Remove



Tree ID	Common Name	Condition Class	Recommendations
26	Apple-Common	Poor	<ul style="list-style-type: none"> <li>Remove</li> </ul>
30	Poplar	Fair	<ul style="list-style-type: none"> <li>Prune: Crown reduction and reshaping</li> </ul>
33	Poplar	...	<ul style="list-style-type: none"> <li>Prune: Crown reduction and reshaping</li> </ul>
35	Poplar	Fair	<ul style="list-style-type: none"> <li>Prune: Crown reduction and reshaping</li> </ul>

These recommendations can be addressed upon completion of the intermediate recommendations.

The timing for the intermediate and future recommendations will depend on the progress with the immediate needs and your goals and objectives. The timing of these can be discussed at your convenience.

### ADDITIONAL PROPERTY CONSIDERATIONS

All properties are unique; however, there are general management practices that can help sustain the longevity and health of any landscape. While these additional property considerations are not prioritised, and not all possible considerations have been described, the following list can be used as a starting point:

- Integrated Pest Management Program**  
 Integrated pest management visits are scheduled each year to inspect the trees and shrubs around the property for insects, mites, disease or cultural problems. During each inspection, the Arborist will identify and treat insect and disease problems. Cultural treatments such as soil pH adjustment, root collar inspections and mulch adjustments will be included. The inspections can also identify other potential programs that the property could benefit from such as tick and deer management.
- Mulching**  
 Wherever possible, apply 2-4 inches of mulch within the root zone, but not directly against the trunk, 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.
- Planting New Trees**  
 Planting new trees is an important part of a sustainable landscape. When trees are removed, the location, or other locations on the property can be evaluated for the opportunity to plant a new tree.
- Soil & Bulk Density Sampling**  
 Soil sampling, soil analysis, and bulk density sampling provide information on the presence of soil nutrients, pH, organic matter, cation exchange capacity, and the amount of soil compaction.
- Climber/Ivy Removal**  
 Climber/Ivy should be removed from around the base of the trees and extend outward for at least 50cm when appropriate as they can hide defects that may be present.

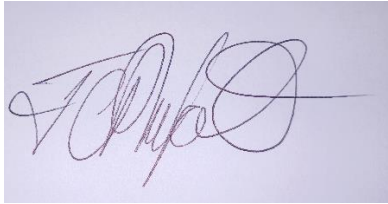
## LIMITATIONS OF THE PLAN

Please understand that trees and shrubs are biological organisms that are exposed to numerous conditions that can have a negative impact to health and structural safety, and that any tree or shrub's health or safety can change over time. These conditions include, but are not limited to; age, climate, wind, weather, drought, insect, disease, fungus, soil conditions, and animal and human activity. To help manage the effects of such conditions, Bartlett Tree Experts recommends that you have a qualified arborist inspect your trees periodically, or after any major weather event, in order to reassess tree conditions, and identify any safety concerns or other issues that may be present. It is also important for you to understand that all trees pose some degree of risk, and just because a tree was not listed as having immediate needs, intermediate recommendations, or future recommendations, you should not infer that the tree is "safe" or will not fail in any manner.

Recommendations that are made by Bartlett Tree Experts are intended to provide you with a better understanding of your existing landscape and help you make informed decisions about your trees and shrubs. Separate and itemized fee proposals will be provided for your consideration.

We look forward to working with you in the care of your trees and shrubs.

Sincerely,

A handwritten signature in dark ink, appearing to be 'F. A. Bartlett', is centered on a light blue rectangular background.

Bartlett Tree Experts