

Arboricultural Assessment and Tree Management Plan

Site Address:

Willsmere Estate 1 Wiltshire Drive, Kew Victoria 3101

Report Commissioned By:

Kristen Riddell Senior Owners Corporation Manager MICM Property

Prepared By:

Mr. Joel Hinck
Diploma Hort/Arb

Tuesday 11th September 2018

Contents

Co	ontents	1
Int	troduction	2
	Key Objectives	
	Methodology	
3.	Observations	4
4.	Tree Management Requirements	5
Ар	opendix 1: Site Plan	7
Ар	ppendix 2: Tree Details Database	8
Ар	opendix 3: Assumptions and Limiting Conditions	17

Introduction

This assessment, report and subsequent tree management plan has been undertaken at the request of Kristen Riddell of Melbourne Inner City Management (MICM). The report contents should not be made available to any other parties, other than governing bodies, responsible authorities and affected parties, unless by the express permission of McLeod Trees Pty Ltd.

This audit aims to comment on the tree health, structure and potential hazards associated with the tree population and provide a detailed database of the works required for each individual tree, along with its associated priority rating.

The inspection and observations were undertaken in August of 2018, with only trees of significant size included in the scope of this audit. New plantings, smaller trees, shrubs and hedges were not included within the scope of this assessment due to their limited hazard potential.

All inspections were made from the ground only, with no aerial inspections being undertaken as per the scope of this audit. All details were accurate and correct at this time.

The audit has been developed to assist the managers of the subject site to maintain and manage the risks associated with the tree population. This audit is designed to be used as a risk management tool through regular maintenance of the trees. Using the priority of works from urgent to low; these associated risks can be managed and reduced.

The results and recommendations are outlined in the Tree Database Spreadsheet and provide a detail of all trees and associated recommended works in an order of hazard rating priority from Urgent to Low.

1. Key Objectives

- 1.1. To inspect and assess the trees on the subject site at Willsmere Estate located at 1 Wiltshire Drive, Kew.
- 1.2. To provide information on the species, dimensions, health, structure, condition, and provide an associated hazard rating.
- 1.3. To provide recommendations and management strategies, including any works required to reduce the risk to persons or property, in an order of priority from Low to Urgent.

2. Methodology

- 2.1. A site inspection was undertaken on the 28th and 29th August 2018. The nominated trees were inspected from the ground only and observations made of the growing environment and surrounding area. The trees were not climbed, and no samples of the tree or site soil were taken.
- 2.2. Details of each tree, including GPS location, were taken on site using a hand-held data collection device.
- 2.3. Each tree was tagged with an individually numbered Tree ID Tag, the number of which corresponds with the Tree ID number shown on the Site Plan (Appendix 1) and listed in the Tree Details Database spreadsheet (Appendix 2).
- 2.4. Observations were made of the trees to determine their health and condition, with measurements taken to establish height and trunk dimensions.
- 2.5. Each tree was assessed and classified based on its arboricultural hazard rating, which relates to a combination of factors including health, structure and condition and is based on a modified version of the widely accepted method for tree hazard evaluation promoted by the International Society of Arboriculture.
- 2.6. This method developed by Matheny & Clarke (1994) and provides a risk hazard rating for each tree according to three variables:
 - Likelihood of Failure
 - · Size of Part Likely to Fail
 - Target Occupancy

The combination of these three variables provides an associated hazard rating between 3 being the lowest and 12 being the highest, which is then converted to a hazard rating of Urgent (12), High (9 – 11), Medium (6 – 8) to Low (3 – 5) and can be incorporated into the properties tree management plan based on budget and time constraints.

- 2.7. As a general guide, the following timelines are recommended for work priority ratings.
 - Urgent (Blue) Should be undertaken immediately, these trees represent an immediate hazard.
 - High (Red) Should be undertaken within 6 months
 - Medium (Orange) Should be undertaken within 6 24 months
 - Low (Yellow) Basic recommended works which should be undertaken within 24 36 months.
- 2.8. All tree assessments were undertaken by consulting arborist Joel Hinck.

3. Observations

- 3.1. The property in question is referred to as Willsmere Estate, and is a unique heritage listed residential estate located within the suburb of Kew.
- 3.2. A total of 196 trees, or groups of trees were visually assessed, tagged and included in the audit and management plan.
- 3.3. Several of the trees are of great historical importance and form part of the Boroondara Significant Tree Register and are also listed on the National Trust.

4. Tree Management Requirements

- 4.1. The management of the trees, and associated hazards, forms the basis of this audit and recommended works package, based on a priority rating from Urgent to Low.
- 4.2. Harris Matheny and Clarke (2004) note that a tree related hazard is defined by the presence of a tree with an elevated potential for failure (i.e. Defects or other factors that predispose it to failure are present), along with a target of value that might be injured or damaged in the event of likely failure.
- 4.3. Risk is quantified by the value of the target and the degree of damage that it might sustain. These authors also note that almost all trees have some degree of associated hazard, and that the retention of larger trees implies the acceptance of a certain degree of risk.
- 4.4. A trees worthiness of retention is based upon a number of criteria, taking into consideration such factors as health, condition and structure, as well as age, species, location and other factors which may affect the long-term tenure of the tree.
- 4.5. The existing trees on the site could be considered an opportunity or a constraint within the context of future management of the property; however, this would depend on many factors. The condition of the trees, the types of trees present and their location on the site are a few of the issues that may be considered when assessing which trees should be retained.
- 4.6. The possible retention and management of trees in the landscape relies on more substantial criteria than simply perceived visual benefits, although this is certainly considered. Issues such as tree health, structure and stability are fundamental and primary considerations in the process of identifying trees that could be potentially retained in the long term. These attributes are assessed using risk management concepts as a platform and they assist with determining the retention value of individual trees.
- 4.7. Importantly, tree removal should not always be considered a negative issue. Retention for retention's sake is a pointless activity if there is not a high possibility that the tree will not only survive but will be viable in the longer term (Hitchmough, 1994).
- 4.8. The recommended works comprise in some instances of complete tree removal, as well as various pruning works and arboricultural techniques such as deadwood removal, weight reduction pruning, canopy thinning and selective branch or sectional removal.

- 4.9. Weight reduction and canopy thinning is recommended where over extended lateral limbs display excessive weight and result in adverse leverage forces being exerted on the branch or fork union resulting in a potential for failure. Weight reduction works reduce the pressure exerted on these limbs which in turn increases the useful life expectancy by preventing such failure. Canopy thinning reduces the 'sail area' forces being applied to the outer canopy, and allows for improved wind flow through the canopy, further reducing the potential for limb shed or complete wind throw and failure of the tree at ground level.
- 4.10. All works which are recommended must only be undertaken by fully qualified and competent arborists, using non-invasive climbing methods and pruning techniques to meet those of the Australian Standard for Amenity Tree Pruning (AS 4373 2007 Pruning of Amenity Trees).
- 4.11. Works should be undertaken in accordance with the guidelines as outlined in the works database (Appendix 2) and should be documented upon completion, with a revised version of the audit and associated completed works provided.
- 4.12. Whilst the tree audit and management plan aims to identify all associated risks which are evident from ground level inspection, there may be further potential risks which are unseeable or undetectable, such as tree defects in the upper canopy which are not visible from the ground, or underground hazards which have not been presented to the inspecting arborist, such as underground trenching, changes to soil profiles and associated root damage.
- 4.13. During the undertaking of all works, aerial inspections should be undertaken by the climbing arborist, any further tree defects detected throughout this time will be made aware to the property managers and further management works may be required or recommended.
- 4.14. Due to the constant changing nature of the environment and surrounding location, it is recommended regular inspections be undertaken to identify any changes to tree health, structure and condition, and the audit database be updated at a minimum of every 2 years.
- 4.15. The significant size of the site provides the opportunity for future replanting, with the healthiest tree populations representing all age classes. A planting program should be developed and implemented in order to ensure an ongoing healthy tree population, adequately replacing trees which have been removed prior and any subsequently removed in the future.

Appendix 1: Site Plan



Appendix 2: Tree Details Database

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12740	Schinus	molle	Peppercorn	2600	9	Fair	Poor	Fair	Mature	Basal wound present, Decay in branch, Decay in stem , Dieback in canopy, Hazardous tree, Requires cabling and bracing, Unfavourable attachments	4 - Severe	3. Size 45-75cm	4 - Constant	11	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments, Monitor decay, Install cable bracing system
12771	Fraxinus	sp.	Fraxinus sp.	530	9	Poor	Poor	Poor	Mature	Basal wound present, Decay in branch, Decay in stem , Hazardous tree	3 - High	2. Size 15-45cm	4 - Constant	9	Removal	Remove tree
12821	Pinus	radiata	Monterey Pine	1640	20	Fair	Fair	Fair	Mature	Decay in stem , Dieback in canopy, Heavy lateral branches, Previously failed limbs, Unfavourable attachments	3 - High	2. Size 15-45cm	4 - Constant	9	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection, Monitor attachments, Inspect cables
12842	Acacia	implexa	Lightwood	300	8	Poor	Poor	Poor	Mature	Bifurcated form, Decay in stem , Dieback in canopy, Hazardous tree	3 - High	2. Size 15-45cm	4 - Constant	9	Removal	Remove tree
12668	Schinus	molle	Peppercorn	2300	10	Fair	Fair	Fair	Mature	Bifurcated form, Decay in branch, Decay in stem , Fungal fruiting body present, Hanger in canopy	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor decay, Monitor health, Remove hanging limb
12713	Eucalyptus	viminalis	Manna Gum	980	13	Good	Fair	Fair	Mature	Bifurcated form, Heavy lateral branches, Minor deadwood, Unfavourable attachments	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce , Remove deadwood, Perform aerial inspection, Monitor attachments
12722	Quercus	robur	English Oak	690	12	Good	Fair	Fair	Mature	Decay in branch , Decay in stem , Excessive deadwood, Heavy lateral branches, Unfavourable attachments	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection, Monitor attachments
12725	Quercus	robur	English Oak	710	12	Fair	Fair	Fair	Mature	Decay in branch , Excessive deadwood, Heavy lateral branches, Unfavourable attachments	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce, Remove deadwood, Perform crown works, Perform property clearance pruning, Monitor health
12726	Quercus	robur	English Oak	270	9	Fair	Fair	Fair	Mature	Basal wound present, Decay in stem , Dieback in canopy	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor health
12730	Platanus	X acerifolia	London Plane	940	16	Fair	Fair	Fair	Mature	Decay in stem , Lopped tree, Minor deadwood, Previously failed limbs, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection, Monitor decay
12731	Platanus	X acerifolia	London Plane	1010	16	Fair	Fair	Fair	Mature	Decay in stem , Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Perform aerial inspection
12733	Quercus	robur	English Oak	850	11	Good	Fair	Fair	Mature	Decay in branch , Decay in stem , Minor deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection, Perform property clearance pruning, Monitor decay
12735	Eucalyptus	camaldulensis	River Red Gum	910	15	Good	Fair	Good	Mature	Bifurcated form, Co dominant stems, Heavy lateral branches, Minor deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce, Remove deadwood, Perform crown works, Perform property clearance pruning
12736	Eucalyptus	camaldulensis	River Red Gum	550	10	Fair	Fair	Fair	Mature	Dieback in canopy, Excessive deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor health
12748	Cedrus	deodara	Himalayan Cedar	1200	16	Good	Fair	Good	Mature	Heavy lateral branches, Minor deadwood, Previously failed limbs	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection, Perform property clearance pruning, Install cable bracing system
12761	Cedrus	deodara	Himalayan Cedar	1460	1 6	Good	Fair	Fair	Mature	Decay in stem , Flush cuts present, Heavy lateral branches, Minor deadwood	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection, Inspect cable brace system

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12770	Platanus	X acerifolia	London Plane	1020	20	Good	Fair	Good	Mature	Decay in stem , Heavy lateral branches, Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection
12772	Platanus	X acerifolia	London Plane	910	20	Good	Fair	Good	Mature	Co dominant stems, Minor deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection
12775	Platanus	X acerifolia	London Plane	890	20	Good	Fair	Good	Mature	Bifurcated form, Co dominant stems, Hanger in canopy, Minor deadwood	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce, Remove deadwood, Perform crown works, Perform aerial inspection
12778	Platanus	X acerifolia	London Plane	1800	18	Good	Fair	Good	Mature	Bifurcated form, Co dominant stems, Heavy lateral branches, Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce, Remove deadwood, Perform crown works, Perform aerial inspection
12790	Pyrus	calleryana	Callery Pear	380	8	Good	Fair	Fair	Mature	Heavy lateral branches, Minor deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments
12791	Schinus	molle	Peppercorn	720	12	Good	Fair	Fair	Mature	Excessive deadwood, Heavy lateral branches, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments
12792	Schinus	molle	Peppercorn	1450	14	Good	Fair	Fair	Mature	Bifurcated form, Decay in stem , Excessive deadwood, Heavy lateral branches	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor decay
12793	Schinus	molle	Peppercorn	530	8	Fair	Fair	Poor	Mature	Bifurcated with swelling and included bark, Has caused infrastructure damage, Hazardous tree, Leaning habit	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Removal	Remove tree
12798	Banksia	integrifolia	Coastal Banksia	880	14	Good	Fair	Fair	Mature	Bifurcated form, Flush cuts present, Heavy lateral branches, Minor deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments
12800	Banksia	integrifolia	Coastal Banksia	810	13	Good	Fair	Fair	Mature	Bifurcated with swelling and included bark, Decay in branch , Heavy lateral branches, Minor deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments
12809	Pinus	radiata	Monterey Pine	1520	18	Good	Fair	Fair	Mature	Decay in stem , Flush cuts present, Heavy lateral branches, Previously failed limbs	2 - Moderate	3. Size 45-75cm	3 - Frequent	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection, Inspect cables
12810	Quercus	robur	English Oak	920	13	Fair	Fair	Fair	Mature	Basal wound present, Decay in branch , Decay in stem , Excessive deadwood, Previously failed limbs	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor decay
12833	Cedrus	deodara	Himalayan Cedar	1040	16	Fair	Fair	Fair	Mature	Basal wound present, Decay in stem , Split in stem or branch	3 - High	2. Size 15-45cm	3 - Frequent	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments, Monitor decay, Monitor health
12837	Eucalyptus	sp.	Eucalyptus sp.	1200	18	Fair	Fair	Fair	Mature	Bifurcated form, Bifurcated with swelling and included bark, Heavy lateral branches, Minor deadwood	2 - Moderate	2. Size 15-45cm	4 - Constant	8	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection, Monitor attachments, Inspect cables
12670	Corymbia	maculata	Spotted Gum	630	18	Good	Fair	Good	Mature	Bifurcated form, Co dominant stems, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works
12671	Cupressus	sempervirens	Italian Cypress	460	12	Good	Fair	Fair	Mature	Bifurcated form, Bifurcated with swelling and included bark, Co dominant stems, Excessive deadwood, Previously failed limbs	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Remove hangers
12677	Populus	alba	White Poplar	730	18	Good	Fair	Fair	Mature	Basal wound present, Excessive deadwood, Heavy lateral branches, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12678	Populus	alba	White Poplar	590	16	Fair	Fair	Fair	Mature	Bifurcated form, Decay in branch , Dieback in canopy, Excessive deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments, Monitor health
12687	Cedrus	deodara	Himalayan Cedar	710	14	Good	Fair	Good	Mature	Bifurcated with swelling and included bark, Co dominant stems, Heavy lateral branches, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works
12712	Cedrus	deodara	Himalayan Cedar	460	12	Good	Fair	Good	Mature	Hanger in canopy, Minor deadwood, Split in stem or branch	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Remove split hanging limb
12723	Quercus	robur	English Oak	580	10	Good	Fair	Fair	Mature	Decay in stem , Minor deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12724	Quercus	robur	English Oak	560	10	Fair	Fair	Fair	Mature	Decay in branch , Dieback in canopy, Excessive deadwood, Split in stem or branch	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor health
12745	Schinus	molle	Peppercorn	1200	10	Fair	Poor	Poor	Mature	Basal wound present, Decay in branch , Decay in stem , Previously failed limbs	3 - High	2. Size 15-45cm	2 - Intermittent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor decay, Monitor health
12746	Platanus	X acerifolia	London Plane	1240	18	Good	Fair	Good	Mature	Bifurcated form, Co dominant stems, Decay in branch	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection
12753	Callistemon	salignus	White Bottlebrush	550	12	Fair	Poor	Fair	Mature	Bifurcated with swelling and included bark, Dieback in canopy, Previously failed limbs	3 - High	2. Size 15-45cm	2 - Intermittent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works, Formative prune, Monitor decay, Monitor health
12754	Lagunaria	petersonii	Norfolk Island Hibiscus	870	15	Good	Fair	Good	Mature	Bifurcated form, Decay in stem , Heavy lateral branches, Lopped tree	2 - Moderate	1. Less than 15cm	4 - Constant	7	Pruning	Weight reduce , Perform crown works, Perform aerial inspection, Perform property clearance pruning , Monitor decay
12769	Fraxinus	sp.	Fraxinus sp.	640	11	Fair	Fair	Fair	Mature	Decay in branch , Decay in stem , Dieback in canopy, Unfavourable attachments	3 - High	1. Less than 15cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor health
12773	Platanus	X acerifolia	London Plane	920	18	Good	Fair	Good	Mature	Decay in stem , Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection, Monitor decay
12774	Platanus	X acerifolia	Plane Tree	990	18	Good	Fair	Good	Mature	Bifurcated form, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works
12777	Platanus	X acerifolia	London Plane	810	16	Good	Fair	Good	Mature	Co dominant stems, Decay in stem , Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Weight reduce , Remove deadwood, Perform crown works
12794	Platanus	X acerifolia	London Plane	980	18	Good	Fair	Good	Mature	Bifurcated form, Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection
12795	Platanus	X acerifolia	London Plane	700	17	Good	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection
12796	Platanus	X acerifolia	London Plane	880	18	Good	Fair	Good	Mature	Decay in branch , Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection
12802	Quercus	robur	English Oak	760	11	Good	Fair	Poor		Decay in branch , Decay in stem , Dieback in canopy	2 - Moderate	1. Less than 15cm	4 - Constant	7	Pruning	Remove deadwood, Perform crown works, Monitor health
12838	Quercus	robur	English Oak	570	9	Fair	Fair	Fair	Mature	Decay in branch , Decay in stem , Dieback in canopy, Flush cuts present	2 - Moderate	2. Size 15-45cm	3 - Frequent	7	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor health
12666	Phoenix	canariensis	Canary Island Date Palm	480	9	Good	Good	Good	Mature	Excessive deadwood	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Remove deadwood
12672	Cupressus	macrocarpa	Monterey Cypress	540	10	Fair	Fair	Fair	Mature	Bifurcated form, Co dominant stems	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Remove deadwood, Perform crown works
12674	Cupressus	macrocarpa	Monterey Cypress	550	11	Fair	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Has caused infrastructure damage	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Perform crown works, Perform property clearance pruning
12680	Platanus	X acerifolia	London Plane	370	11	Good	Good	Good	Semi mature	Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Remove deadwood, Perform crown works

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12682	Platanus	X acerifolia	London Plane	230	9	Poor	Fair	Fair	Semi mature	Decay in branch , Dieback in canopy, Excessive deadwood, Previously failed limbs	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor health
12689	Pinus	pinea	Stone Pine	640	12	Fair	Fair	Fair	Mature	Bifurcated form, Bifurcated with swelling and included bark, Co dominant stems, Excessive deadwood	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments
12692	Pinus	pinea	Stone Pine	550	12	Fair	Fair	Fair	Mature	Co dominant stems, Excessive deadwood, Leaning habit	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor stability
12693	Photinia	robusta	Red Leaf Photinia	810	10	Fair	Poor	Fair	Mature	Basal wound present, Co dominant stems, Decay in stem , Form could be improved, Multiple stems	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Formative prune, Monitor decay, Monitor health
12698	Cedrus	deodara	Himalayan Cedar	690	17	Good	Fair	Fair	Mature	Minor deadwood, Previously failed limbs, Unfavourable attachments	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Remove deadwood, Perform crown works, Monitor health
12711	Pinus	radiata	Monterey Pine	450	10	Fair	Fair	Fair	Mature	Bifurcated form, Bifurcated with swelling and included bark, Co dominant stems, Excessive deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Remove deadwood, Perform crown works, Monitor attachments, Monitor health
12714	Melaleuca	styphelioides	Prickly Leaved Paperbark	540	8	Fair	Fair	Fair	Mature	Bifurcated with swelling and included bark, Dieback in canopy, Previously failed limbs, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments, Monitor health
12729	Platanus	X acerifolia	London Plane	420	15	Good	Fair	Good	Semi mature	Co dominant stems, Minor deadwood	1 - Low	2. Size 15-45cm	3 - Frequent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works
12732	Platanus	X acerifolia	London Plane	890	15	Good	Fair	Fair	Mature	Decay in branch , Heavy lateral branches, Lopped tree, Minor deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments
12739	Allocasuarina	verticillata	Drooping She Oak	310	13	Good	Fair	Fair	Mature	Co dominant stems, Multiple stems, Self sown or sucker	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Perform crown works, Formative prune, Perform property clearance pruning, Monitor attachments, Remove lesser dominant stems and suckers.
12741	Quercus	palustris	Pin Oak	610	12	Good	Fair	Fair	Mature	Excessive deadwood, Form could be improved, Split in stem or branch, Unfavourable attachments	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Formative prune, Monitor attachments
12747	Leptospermum	confertus	Queensland Brush Box	860	15	Good	Fair	Good	Mature	Bifurcated form, Heavy lateral branches, Minor deadwood, Previously failed limbs	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Perform aerial inspection
12776	Platanus	X acerifolia	London Plane	860	16	Good	Fair	Good	Mature	Co dominant stems, Lopped tree, Minor deadwood	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works
12799	Banksia	integrifolia	Coastal Banksia	570	12	Fair	Fair	Fair	Mature	Bifurcated with swelling and included bark, Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12808	Quercus	robur	English Oak	880	12	Fair	Fair	Fair	Mature	Decay in stem , Heavy lateral branches, Previously failed limbs	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor decay
12811	Quercus	robur	English Oak	710	12	Fair	Fair	Fair	Mature	Decay in stem , Minor deadwood, Previously failed limbs	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor health
12812	Quercus	robur	English Oak	860	12	Fair	Fair	Fair	Mature	Dieback in canopy, Excessive deadwood, Heavy lateral branches	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor health

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12816	Quercus	palustris	Pin Oak	530	12	Good	Fair	Good	Mature	Form could be improved, Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works
12825	Cedrus	deodara	Himalayan Cedar	840	16	Good	Fair	Good	Mature	Minor deadwood	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Remove deadwood, Perform crown works
12829	Photinia	robusta	Photinia	420	9	Good	Poor	Fair	Mature	Basal wound present, Decay in branch, Decay in stem , Excessive deadwood, Multiple stems	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Remove deadwood, Perform crown works, Formative prune, Monitor decay
12832	Ficus	macrophylla	Moreton Bay Fig	1050	14	Good	Fair	Fair	Mature	Basal wound present, Bifurcated form, Decay in stem , Minor deadwood	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Remove deadwood, Perform crown works
12841	Eucalyptus	melliodora	Yellow Box	340	11	Good	Fair	Fair	Semi mature	Bifurcated form, Co dominant stems, Fungal fruiting body present, Minor deadwood, Unfavourable attachments	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor health
12848	Quercus	robur	English Oak	460	8	Fair	Fair	Fair	Mature	Basal wound present, Decay in branch , Decay in stem , Lopped tree	2 - Moderate	2. Size 15-45cm	2 - Intermittent	6	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor health
12858	Corymbia	ficifolia	Flowering Gum	460	9	Good	Fair	Fair	Mature	Bifurcated form, Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Weight reduce , Remove deadwood, Perform crown works
12863	Quercus	sp.	Quercus sp.	280	7	Fair	Fair	Fair	Mature	Dieback in canopy, Form could be improved, Has caused infrastructure damage	2 - Moderate	1. Less than 15cm	3 - Frequent	6	Pruning	Remove deadwood, Formative prune, Monitor health
12667	Schinus	molle	Peppercorn	520	7	Fair	Fair	Fair	Mature	Bifurcated form, Decay in stem , Excessive deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor health
12669	Syzygium	smithii	Lilly Pilly	300	10	Good	Fair	Good	Semi mature	Bifurcated form, Form could be improved, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Formative prune, Monitor attachments
12673	Cupressus	macrocarpa	Monterey Cypress	530	9	Fair	Fair	Fair	Mature	Bifurcated form, Co dominant stems	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Perform crown works, Perform property clearance pruning , Monitor attachments
12675	Cupressus	macrocarpa	Monterey Cypress	220	6	Fair	Fair	Fair	Semi mature	Bifurcated form, Co dominant stems, Dieback in canopy	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Perform crown works, Monitor health
12676	Cupressus	sempervirens	Italian Cypress	520	12	Good	Fair	Fair	Mature	Bifurcated form, Excessive deadwood, Form could be improved	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Perform crown works, Formative prune, Perform property clearance pruning
12681	Platanus	X acerifolia	London Plane	330	9	Fair	Fair	Fair	Semi mature	Decay in stem , Excessive deadwood, Form could be improved	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Formative prune, Monitor decay
12690	Arbutus	unedo	Irish Strawberry	800	9	Fair	Poor	Fair	Mature	Decay in stem , Form could be improved, Multiple stems, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Formative prune, Monitor decay
12691	Ulmus	glabra 'Lutescens'	Golden Elm	460	9	Good	Fair	Good	Mature	Bifurcated form, Form could be improved, Minor deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor attachments
12694	Lagunaria	patersonii	Norfolk Island Hibiscus	570	15	Good	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Formative prune, Monitor attachments
12697	Ficus	macrophylla	Moreton Bay Fig	1890	18	Good	Fair	Good	Mature	Bifurcated form, Heavy lateral branches, Multiple stems	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Perform aerial inspection
12700	Ulmus	glabra 'Lutescens'	Golden Elm	410	8	Good	Fair	Good	Mature	Bifurcated form, Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Weight reduce , Remove deadwood, Perform crown works
12703	Cupressus	macrocarpa	Monterey Cypress	340	8	Fair	Fair	Fair	Semi mature	Bifurcated form, Dieback in canopy, Form could be improved	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Perform crown works, Formative prune
12704	Cupressus	macrocarpa	Monterey Cypress	490	10	Good	Fair	Fair	Mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Formative prune, Perform property clearance pruning
12705	Cupressus	sempervirens	Italian Cypress	330	9	Fair	Fair	Fair	Mature	Decay in stem , Previously failed limbs	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Perform property clearance pruning , Monitor decay

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12706	Cupressus	sempervirens	Italian Cypress	440	11	Good	Fair	Good	Mature	Bifurcated form, Co dominant stems	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Perform crown works, Formative prune
12707	Quercus	palustris	Pin Oak	300	10	Good	Fair	Good	Semi mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Perform crown works, Formative prune
12709	Quercus	palustris	Pin Oak	240	10	Good	Fair	Good	Semi mature	Form could be improved, Minor deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Formative prune, Monitor attachments
12716	Quercus	palustris	Pin Oak	270	10	Good	Fair	Good	Semi mature	Form could be improved, Minor deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Formative prune, Monitor attachments
12718	Syagrus	romanzoffiana	Cocos Palm	270	8	Good	Good	Good	Mature	Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Remove dead fronds and seed pods
12719	Syagrus	romanzoffiana	Cocos Palm	270	8	Good	Good	Good	Mature	Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Remove dead fronds and seed pods
12734	Fraxinus	angustifolia	Desert Ash	420	11	Good	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Decay in branch , Dieback in canopy, Hanger in canopy	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor health, Remove hanger
12738	Quercus	canariensis	Algerian Oak	620	9	Fair	Fair	Fair	Mature	Dieback in canopy, Excessive deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor health
12742	Cupressus	sempervirens	Italian Cypress	690	14	Good	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Unfavourable attachments	1 - Low	1. Less than 15cm	3 - Frequent	5	No Works Required	Monitor attachments
12743	Syzygium	smithii	Lilly Pilly	390	10	Good	Fair	Good	Semi mature	Bifurcated form, Co dominant stems, Form could be improved	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Perform crown works, Formative prune, Perform property clearance pruning
12744	Syagrus	romanzoffiana	Cocas Palm	290	9	Good	Good	Good	Mature	Represents a group of Palms, of the same species, similar size and age, Excessive deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove dead fronds and seed pods
12749	Leptospermum	confertus	Queensland Brush Box	490	10	Good	Fair	Good	Mature	Bifurcated with swelling and included bark, Co dominant stems, Minor deadwood	1 - Low	2. Size 15-45cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12750	Leptospermum	confertus	Queensland Brush Box	460	10	Good	Fair	Good	Mature	Bifurcated form, Co dominant stems, Minor deadwood	1 - Low	2. Size 15-45cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12752	Cupressus	sempervirens	Italian Cypress	610	11	Good	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Heavy lateral branches	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Perform crown works, Monitor health
12758	Syagrus	romanzoffiana	Cocos Palm	270	9	Good	Fair	Fair	Mature	Represents a group of Palms, of the same species and similar size and condition, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove dead fronds and seed pods.
12759	Gleditsia	triacanthos	Honey Locust	240	6	Good	Fair	Good	Semi mature	Form could be improved	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Perform crown works, Formative prune
12760	Gleditsia	triacanthos	Honey Locust	320	9	Good	Fair	Good	Semi mature	Bifurcated with swelling and included bark, Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Perform crown works, Formative prune
12762	Gleditsia	triacanthos	Honey Locust	340	9	Good	Fair	Fair	Semi mature	Form could be improved, Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Weight reduce , Remove deadwood, Perform crown works
12764	Gleditsia	triacanthos	Honey Locust	210	8	Fair	Fair	Fair	Semi mature	Decay in stem , Form could be improved	1 - Low	2. Size 15-45cm	2 - Intermittent	5	Pruning	Remove deadwood, Formative prune, Monitor decay
12797	Banksia	integrifolia	Coastal Banksia	290	8	Fair	Fair	Fair	Semi mature	Bifurcated form, Minor deadwood, Suppressed canopy	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Perform crown works, Monitor health
12801	Quercus	palustris	Pin Oak	360	8	Good	Fair	Good	Mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Formative prune
12803	Cupressus	sempervirens	Italian Cypress	1230	15	Good	Fair	Good	Mature	Co dominant stems, Minor deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12806	Quercus	robur	English Oak	490	9	Fair	Fair	Fair	Mature	Suppressed canopy, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor health
12807	Quercus	robur	English Oak	570	10	Good	Fair	Fair	Mature	Minor deadwood, Suppressed canopy, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor health

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12814	Quercus	palustris	Pin Oak	250	8	Good	Fair	Fair	Semi mature	Decay in branch , Form could be improved, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Formative prune, Monitor attachments
12815	Quercus	palustris	Pin Oak	190	6	Fair	Fair	Fair	Semi mature	Dieback in canopy, Minor deadwood, Suppressed canopy	1 - Low	2. Size 15-45cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor health
12819	Quercus	palustris	Pin Oak	420	12	Good	Fair	Good	Mature	Minor deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works
12820	Quercus	palustris	Pin Oak	510	12	Good	Fair	Good	Mature	Bifurcated form, Form could be improved, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Formative prune
12822	Liriodendron	tulipifera	Tulip Tree	310	13	Good	Fair	Good	Mature	Form could be improved	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Formative prune
12823	Liriodendron	tulipifera	Tulip Tree	230	12	Good	Fair	Good	Mature	Dieback in canopy, Form could be improved, Unfavourable attachments	1 - Low	1. Less than 15cm	3 - Frequent	5	Pruning	Remove deadwood, Formative prune
12827	Pinus	pinea	Stone Pine	660	12	Good	Fair	Fair	Mature	Bifurcated form, Excessive deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12828	Pinus	pinea	Stone Pine	560	12	Good	Fair	Fair	Mature	Bifurcated with swelling and included bark, Excessive deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12830	Lagunaria	patersonii	Norfolk Island Hibiscus	610	14	Good	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Weight reduce , Remove deadwood, Perform crown works
12834	Araucaria	bidwillii	Bunya Bunya Pine	1200	20	Good	Fair	Good		Minor deadwood	1 - Low	2. Size 15-45cm	2 - Intermittent	5	Pruning	Remove deadwood, Monitor health
12836	Leptospermum	confertus	Queensland Brush Box	590	9	Good	Fair	Fair	Mature	Bifurcated form, Minor deadwood, Unfavourable attachments	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor attachments
12839	Lagunaria	patersonii	Norfolk Island Hibiscus	440	11	Good	Fair	Fair	Mature	Bifurcated form, Co dominant stems, Decay in stem	1 - Low	2. Size 15-45cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor decay
12840	Quercus	canariensis	Algerian Oak	510	8	Good	Fair	Fair	Mature	Decay in stem , Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works
12843	Ulmus	parvifolia	Chinese Elm	120	7	Fair	Fair	Fair	Semi mature	Represents two trees of the same species, similar size and condition, Dieback in canopy, Excessive deadwood, Leaning habit	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Monitor health
12846	Quercus	canariensis	Algerian Oak	920	12	Fair	Fair	Fair	Mature	Dieback in canopy, Heavy lateral branches, Minor deadwood	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Weight reduce , Remove deadwood, Perform crown works, Monitor health
12852	Ulmus	glabra 'Lutescens'	Golden Elm	389	9	Good	Fair	Good	Semi mature	Bifurcated form, Minor deadwood	1 - Low	2. Size 15-45cm	2 - Intermittent	5	Pruning	Remove deadwood, Perform crown works, Formative prune
12859	Cedrus	deodara	Himalayan Cedar	450	13	Good	Fair	Good	Mature	Heavy lateral branches, Leaning habit	2 - Moderate	1. Less than 15cm	2 - Intermittent	5	Pruning	Weight reduce , Remove deadwood, Perform crown works
12679	Platanus	X acerifolia	London Plane	240	10	Good	Good	Good	Semi mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Formative prune
12683	Platanus	X acerifolia	London Plane	240	10	Good	Fair	Good	Semi mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood
12684	Platanus	X acerifolia	London Plane	350	11	Good	Fair	Good	Semi mature	Co dominant stems, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12686	Jacaranda	mimosifolia	Jacaranda	290	6	Fair	Fair	Fair	Semi mature	Co dominant stems, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12688	Cedrus	atlantica	Atlantic Cedar	520	10	Good	Fair	Good	Mature	Bifurcated form, Excessive deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Monitor health
12695	Cedrus	deodara	Himalayan Cedar	650	18	Good	Fair	Good	Mature	Excessive deadwood, Previously failed limbs	1 - Low	2. Size 15-45cm	1 - Occasional	4	Pruning	Remove deadwood, Perform crown works
12696	Brachychiton	populneus	Kurrajong	310	5	Good	Fair	Fair	Semi mature	Bifurcated form, Unfavourable attachments	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	No work required
12699	Arbutus	unedo	Irish Strawberry	390	5	Fair	Poor	Fair	Mature	Basal wound present, Decay in stem , Split in stem or branch	2 - Moderate	1. Less than 15cm	1 - Occasional	4	Pruning	Remove deadwood, Perform crown works, Monitor decay, Monitor stability

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12701	Cupressus	macrocarpa	Monterey Cypress	640	12	Good	Fair	Fair	Mature	Bifurcated form, Excessive deadwood, Form could be improved	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Perform property clearance pruning
12702	Araucaria	bidwillii	Bunya Bunya Pine	190	8	Fair	Good	Fair	Semi mature	Flush cuts present	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	No work required
12708	Cupressus	sempervirens	Italian Cypress	340	9	Fair	Fair	Fair	Mature	Co dominant stems	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	No work required
12710	Quercus	palustris	Pin Oak	210	9	Good	Fair	Good		Form could be improved, Minor deadwood, Unfavourable attachments	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Formative prune, Monitor attachments
12715	Quercus	palustris	Pin Oak	240	10	Good	Fair	Good	Semi mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	No work required
12717	Quercus	palustris	Pin Oak	240	9	Good	Fair	Good	Semi mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Formative prune
12721	Syagrus	romanzoffiana	Cocos Palm	230	8	Fair	Good	Good	Mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Remove dead fronds and seed pods
12727	Platanus	X acerifolia	London Plane	410	12	Good	Fair	Good	Semi mature	Co dominant stems, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12728	Platanus	X acerifolia	London Plane	360	14	Good	Fair	Good	Semi mature	Heavy lateral branches, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12737	Schinus	molle	Peppercorn	240	6	Fair	Fair	Fair	Semi mature	Basal wound present, Excessive deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Monitor health
12751	Cupressus	sempervirens	Italian Cypress	580	10	Fair	Fair	Fair		Bifurcated form, Co dominant stems, Dieback in canopy	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	Monitor health
12755	Phoenix	canariensis	Canary Island Date Palm	780	9	Good	Good	Good	Mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds
12756	Phoenix	canariensis	Canary Island Palm	640	10	Good	Good	Fair	Mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds
12757	Brachychiton	populneus	Kurrajong	350	9	Good	Fair	Fair	Semi mature	Bifurcated form, Form could be improved, Unfavourable attachments, Represents two trees of the same species, similar size and condition.	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Perform crown works, Formative prune
12763	Gleditsia	triacanthos	Honey Locust	260	5	Good	Fair	Good	Semi mature	Form could be improved	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Formative prune
12765	Gleditsia	triacanthos	Honey Locust	230	9	Good	Fair	Fair		Decay in stem , Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Formative prune
12766	Radermachera	sinica	China Doll	240	6	Good	Fair	Fair	Semi mature	Represents two trees of the same species, age and size, Form could be improved	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Formative prune, Monitor attachments
12767	Syagrus	romanzoffiana	Cocos Palm	260	7	Good	Good	Good	Semi mature	Represents a group of Palms of the same species., Similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods.
12768	Platanus	X acerifolia	London Plane	410	11	Good	Fair	Good	Semi mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Formative prune
12779	Syagrus	romanzoffiana	Cocos Palm	280	9	Good	Fair	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12780	Syagrus	romanzoffiana	Cocos Palm	260	8	Good	Good	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12781	Syagrus	romanzoffiana	Cocos Palm	280	8	Good	Good	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12782	Syagrus	romanzoffiana	Cocos Palm	300	8	Good	Good	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12783	Syagrus	romanzoffiana	Cocos Palm	290	8	Good	Good	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12784	Syagrus	romanzoffiana	Cocos Palm	280	8	Good	Good	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12785	Syagrus	romanzoffiana	Cocos Palm	260	8	Good	Good	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12786	Syagrus	romanzoffiana	Cocos Palm	260	7	Good	Fair	Fair	Mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12787	Syagrus	romanzoffiana	Cocos Palm	260	8	Good	Good	Fair	Mature	Represents two Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12788	Fraxinus	excelsior 'Aurea'	Golden Ash	200	5	Good	Fair	Good	Semi mature	Represents two trees of the same species, similar size and condition, Form could be improved	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	No work required
12789	Syagrus	romanzoffiana	Cocos Palm	290	8	Good	Fair	Fair	Semi mature	Represents a group of Palms of the same species, similar size and condition, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove dead fronds and seed pods
12813	Quercus	palustris	Pin Oak	260	9	Good	Fair	Good	Semi mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Formative prune
12817	Quercus	palustris	Pin Oak	240	9	Good	Fair	Fair	Semi mature	Decay in branch , Minor deadwood, Unfavourable attachments	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Monitor health
12818	Quercus	palustris	Pin Oak	160	8	Good	Fair	Fair	Semi mature	Form could be improved, Minor deadwood, Suppressed canopy	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12824	Liriodendron	tulipifera	Tulip Tree	210	10	Good	Fair	Good	Mature	Form could be improved	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Formative prune
12826	Juniperus	chinensis	Western Red Cedar	480	13	Good	Fair	Good	Mature	Dieback in canopy, Excessive deadwood, Suppressed canopy	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Monitor health
12831	Brachychiton	populneus	Kurrajong	230	7	Fair	Fair	Fair	Semi mature	Dieback in canopy, Suppressed canopy	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Monitor health
12845	Eucalyptus	leucoxylon	Yellow Gum	230	10	Good	Fair	Fair	Semi mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	No work required
12849	Ulmus	glabra 'Lutescens'	Golden Elm	300	8	Good	Fair	Good	Semi mature	Bifurcated form, Decay in branch, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12850	Ulmus	glabra 'Lutescens'	Golden Elm	270	8	Good	Fair	Good	Semi mature	Bifurcated form, Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Formative prune
12851	Ulmus	glabra 'Lutescens'	Golden Elm	370	8	Good	Fair	Good	Semi mature	Bifurcated form, Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Formative prune
12853	Ulmus	glabra 'Lutescens'	Golden Elm	290	8	Good	Fair	Good	Semi mature	Bifurcated form, Included bark, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works, Formative prune
12854	Cedrus	deodara	Himalayan Cedar	300	12	Good	Fair	Good	Semi mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12855	Melaleuca	armillaris	Bracelet Honey Myrtle	440	7	Fair	Fair	Fair	Mature	Heavy lateral branches, Leaning habit, Suppressed canopy	2 - Moderate	1. Less than 15cm	1 - Occasional	4	Pruning	Weight reduce , Remove deadwood, Monitor attachments
12856	Cedrus	deodara	Himalayan Cedar	280	12	Good	Fair	Good	Semi mature	Form could be improved, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12857	Cedrus	deodara	Himalayan Cedar	510	14	Good	Fair	Good	Mature	Co dominant stems, Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Remove deadwood, Perform crown works
12861	Cedrus	deodara	Himalayan Cedar	460	12	Good	Fair	Good	Semi mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	Pruning	Perform property clearance pruning
12861	Cedrus	deodara	Himalayan Cedar	430	12	Good	Fair	Good	Mature	Minor deadwood	1 - Low	1. Less than 15cm	2 - Intermittent	4	No Works Required	No work required
12685	Phoenix	canariensis	Canary Island Palm	570	8	Good	Fair	Good	Mature	Minor deadwood	1 - Low	1. Less than 15cm	1 - Occasional	3	No Works Required	No work required
12720	Syagrus	romanzoffiana	Cocos Palm	260	8	Good	Good	Good	Mature	Minor deadwood	1 - Low	1. Less than 15cm	1 - Occasional	3	Pruning	Remove deadwood, Remove dead fronds and seed pods

Tree #	Genus	Species	Common Name	DBH (mm)	Height (m)	Health	Structure	Condition	Age	Observations	Failure Potential	Size of Part	Target Occupancy	Hazard Score	Works Required	Recommended Works
12835	Araucaria	bidwillii	Bunya Bunya Pine	200	5	Good	Good	Good	Semi mature		1 - Low	1. Less than 15cm	1 - Occasional	3	No Works Required	No work required
12860	Pinus	radiata	Monterey Pine	290	12	Good	Fair	Good	Semi mature		1 - Low	1. Less than 15cm	1 - Occasional	3	No Works Required	No work required
12862	Cedrus	deodara	Himalayan Cedar	160	7	Good	Good	Good	Juvenile	Form could be improved	1 - Low	1. Less than 15cm	1 - Occasional	3	Pruning	Formative prune
12862	Cedrus	deodara	Himalayan Cedar	100	7	Good	Good	Good	Juvenile		1 - Low	1. Less than 15cm	1 - Occasional	3	No Works Required	No work required

Appendix 3 – Assumptions and Limiting Conditions

- McLeod Trees Pty Ltd contracts with you on the basis that you promise that all legal information which you provide, including land title and ownership of property, are correct. McLeod Trees Pty Ltd is not responsible for verifying or ascertaining any of these issues.
- 2 McLeod Trees Pty Ltd contracts with you on the basis that you promise that all affected property complies with all applicable statutes and subordinate legislation.
- McLeod Trees Pty Ltd will take all reasonable care to obtain necessary information from reliable sources and to verify data. However, McLeod Trees Pty Ltd neither guarantees, nor is responsible for, the accuracy of information provided by others.
- If, after delivery of this report, you later require a representative of McLeod Trees Pty Ltd to attend court to give evidence or to assist in the preparation for a hearing because of this report, you must pay an additional hourly fee at our then current rate for expert evidence.
- 5 Alteration of this report invalidates the entire report.
- McLeod Trees Pty Ltd retains the copyright in this report. Possession of the original or a copy of this report does not give you or anyone else any right of reproduction, publication or use without the written permission of McLeod Trees Pty Ltd.
- The contents of this report represent the professional opinion of the consultant. McLeod Trees Pty Ltd's consultancy fee for the preparation of this report is in no way contingent upon the consultant reporting a particular conclusion of fact, nor upon the occurrence of a subsequent event.
- 8 Sketches, diagrams, graphs and photographs in this report are intended as visual aids, are not to scale unless stated to be so, and must not be construed as engineering or architectural reports or as surveys.
- 9 Unless expressly stated otherwise:
 - 9.1 The information in this report covers only those items which were examined and reflects the condition of those items at the time of the inspection.
 - 9.2 Our inspection is limited to visual examination of accessible components without dissection, excavation or probing. There is no warranty or guarantee, express or implied, that even if they were not present during our inspection, problems or defects in plants or property examined may not arise in the future.

Willsmere Estate-Internal Trees

This agreement supersedes all prior discussions and representations between McLeod Trees Pty Ltd and the client on the subject and is the entire agreement and understanding between us.