

'Expert Arboricultural planning, advice and care since 1998'

Arborist Reports, Landscape Design, Flora and Fauna Surveys, Biodiversity and Ecological Impact Assessments & Bushfire Protection Assessment Services Naturally Trees PO Box 5085 Elanora Heights NSW 2101, Australia Phone: 0417250420 info@naturallytrees.com.au www.naturallytrees.com.au ABN: 58 359 914 843

Arboricultural Impact Appraisal and Method Statement

(Revision B)

STAGE 2 and 3 WORKS Telopea, NSW

Prepared for Frasers Property Australia

18 June 2021

by Andrew Scales
Dip. Horticulture / Dip. Arboriculture AQF5

PO Box 5085, Elanora Heights NSW 2101 E: info@naturallytrees.com.au M: 0417 250 420

Summary

This State Significant Development Application (SSDA) seeks Concept Approval for the staged redevelopment of the Telopea Estate, as well as a detailed proposal for the first stage of development. The Concept proposal sets out the maximum building envelopes and gross floor area (GFA) that can be accommodated across the Estate, and identifies the land uses and public infrastructure upgrades to be provided. The Concept Proposal will establish the planning and development framework against which any future development application will be assessed.

This report relates to Stage 2 and 3 of the Concept Application. Stage 1 and 1A are addressed in a separate report.

I have inspected all the trees that could be affected and list their details in Appendix 2. Based on this information, I provide guidance to project architect on the constraints these trees impose on the use of the site. The current layout is a result of this detailed consultation and has evolved taking full account of these constraints.

Eighty-two high category trees and two-hundred and forty-six low category trees will be lost for reasonable building footprints to be established on each parcel in Stages 2 and 3. However, a comprehensive landscaping scheme to mitigate these losses is proposed that will include the planting of new trees. The proposed changes may adversely affect a further eighty-eight high category trees and one-hundred and three low category trees if appropriate protective measures are not taken. However, if adequate precautions to protect the retained trees are specified and implemented through the arboricultural statement included in this report. development proposal is expected to have a moderate to high impact on the contribution of trees to local amenity or character.

Table of Contents

		Page
1	INTRODUCTION	4
2	THE LAYOUT DESIGN	6
3	ARBORICULTURAL IMPACT APPRAISAL	8
4	ARBORICULTURAL METHOD STATEMENT	11
5	HOW TO USE THIS REPORT	14
6	OTHER CONSIDERATIONS	15
7	BIBLIOGRAPHY	15
8	DISCLAIMER	16
	Appendices	
1	Qualifications and experience	17
2	Tree schedule and explanatory notes	18
3	Tree AZ categories	35
4	Tree protection fencing and signs – Illustrative specification	36
5	Root zone and trunk protection – Illustrative specification	37
6	General guidance for working in TPZ	38
7	Schedule of works and responsibilities	42
8	Tree management plan	43



1. INTRODUCTION

- 1.1 Instruction: This report has been prepared on behalf of Frasers Property Telopea Developer Pty Ltd (Frasers) and accompanies a State Significant Development Application (SSDA) submitted to the NSW Department of Planning, Industry and Environment (DPIE). The SSDA seeks Concept Approval, in accordance with Division 4.4 of the Environmental Planning and Assessment Act 1979 (EP&A Act), for the staged redevelopment of the 'Telopea Estate'. This report relates to the Concept Application for development, known as 'Stage 2' and 'Stage 3'.
- 1.2 **Purpose of this report**: This report investigates the impact of the proposed development on trees and provides the following guidelines for appropriate tree management and protective measures:
 - a schedule of the relevant trees to include basic data and a condition assessment;
 - an appraisal of the impact of the proposal on trees and any resulting impact that has on local character and amenity;
 - a preliminary arboricultural method statement setting out appropriate protective measures and management for trees to be retained.

The report provides an analysis of the impact of the development proposal on trees with additional guidance on appropriate management and protective measures for Stage 2 and Stage 3 of the Concept Application. Its primary purpose is for the council to review the tree information in support of the planning submission and use as the basis for issuing a planning consent or engaging in further discussions towards that end. Within this planning process, it will be available for inspection by people other than tree experts, so the information is presented to be helpful to those without a detailed knowledge of the subject.

- 1.3 Qualifications and experience: I have based this report on my site observations and the provided information, and I have come to conclusions in the light of my experience. I have experience and qualifications in arboriculture and include a summary in Appendix 1.
- 1.4 **Documents and information provided:** Frasers Property Australia provided me with copies of the following documents:
 - Survey Plan, Dwg No. 191-19G (Sheet 1 to 36), by Craig and Rhodes dated 16 March 2020; and
 - Masterplan, Dwg No. DA02.MP.2111 and DA02.MP.3101, by Bates Smart Pty Ltd dated 27 October 2020.



1.5 **Scope of this report:** This report is only concerned with five-hundred and nineteen trees located within five metres of proposed works located on the Concept Application land in Stages 2 and 3. It takes no account of other trees, shrubs or groundcovers within the site unless stated otherwise. It includes a preliminary assessment based on the site visit and the documents provided, listed in 1.4 above.

Page 5 of 43

2. THE LAYOUT DESIGN

2.1 **Tree AZ method of tree assessment:** The TreeAZ assessment method determines the worthiness of trees in the planning process. TreeAZ is based on a systematic method of assessing whether individual trees are important and how much weight they should be given in management considerations. Simplistically, trees assessed as potentially important are categorised as 'A' and those assessed as less important are categorised as 'Z'. Further explanation of TreeAZ can be found in Appendix 3.

In the context of new development, all the Z trees are discounted as a material constraint in layout design. All the A trees are potentially important and they dictate the design constraints. This relatively simple constraints information is suitable for use by the architect to optimise the retention of the best trees in the context of other material considerations.

2.2 Site visit and collection of data

- 2.2.1 Site visit: I carried out an unaccompanied site visit on 20 January 2020. All my observations were from ground level without detailed investigations and I estimated all dimensions unless otherwise indicated. I did not have access to trees on other private properties and have confined observations of them to what was visible from within the property. The weather at the time of inspection was clear and dry with good visibility.
- 2.2.2 **Brief site description:** The Telopea Estate is located in the Parramatta Local Government Area (LGA). It is approximately 4km north-east of the Parramatta Central Business District (CBD), 6km south-west of Macquarie Park Strategic Centre, and 17km from Sydney CBD (refer Figure 1).

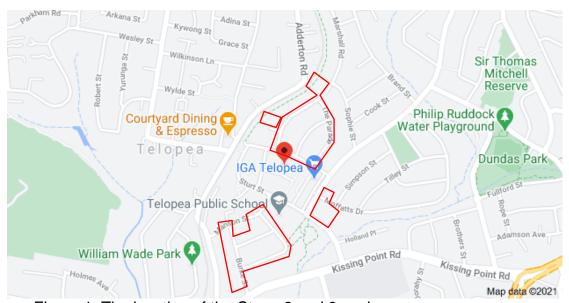


Figure 1: The location of the Stage 2 and 3 works (www.googlemaps.com).



The Telopea Concept Plan site is approximately 13.4 (ha) and comprises 99 individual allotments. It currently accommodates 486 social housing dwellings, across a mix of single dwelling, townhouse, and 3-9 storey residential flat buildings as well as the existing community facilities including the Dundas Community Centre, Dundas Branch Library, Community Health Centre, Hope Connect church, and Telopea Christian Centre. However, the report relates to Stages 2 and 4 of the Concept Application

A variety of ornamental, coniferous and locally indigenous trees are scattered throughout the site area and the site boundaries.

- 2.2.3 Collection of basic data: I inspected each tree and have collected information on species, height, diameter, maturity and potential for contribution to amenity in a development context. I have recorded this information in the tree schedule included, with explanatory notes, in Appendix 2. Each tree was then allocated to one of four categories (AA, A, Z or ZZ), which reflected its suitability as a material constraint on development.
- 2.2.4 **Identification and location of the trees:** I have illustrated the locations of the significant trees on the Tree Management Plan (Plan TMP01) included as Appendix 8. This plan is for illustrative purposes only and it should not be used for directly scaling measurements.
- 2.2.5 **Advanced interpretation of data:** Australian Standard *Protection of trees on development sites* (AS4970-2009), recommends that the trunk diameter measurement for each tree is used to calculate the tree protection zone (TPZ), which can then be interpreted to identify the design constraints and, once a layout has been consented, the exclusion zone is to be protected by barriers.
- 2.3 The use of the tree information in layout design: Following my inspection of the trees, the information listed in Appendix 2 was used to provide constraints guidance based on the locations of all the A trees. All the Z trees were discounted because they were not considered worthy of being a material constraint. This guidance identified two zones of constraint based on the following considerations:
 - The tree protection zone (TPZ) is an area where ground disturbance must be carefully controlled. The TPZ was established according to the recommendations set out in AS4970-2009 and is the radial offset distance of twelve (x12) times the trunk diameter. In principle, a maximum encroachment of 10% is acceptable within the TPZ and a high level of care is needed during any activities that are authorised within it if important trees are to be successfully retained.
 - The structural root zone (SRZ) is a radial distance from the centre of a tree's trunk, where it is likely that structural, woody roots would be encountered. The distance is calculated on trunk flare diameter at ground level. The SRZ may also be influenced by natural or built structures, such as rocks and footings. The SRZ only needs to be calculated when major encroachment (>10%) into a TPZ is proposed.

Page 7 of 43



3. ARBORICULTURAL IMPACT APPRAISAL

3.1 **Summary of the impact on trees:** I have assessed the impact of the proposal on trees by the extent of disturbance in TPZs and the encroachment of structures into the SRZ (as set out briefly in 2.3 above and more extensively in Appendix 2). All the trees that may be affected by the development proposal are listed in Table 1

Table 1: Summary of existing trees and trees that may be affected by development

Impact	Reason		Important trees	Unimportant trees			
		AA	Α	Z	ZZ		
Retained trees that may be affected through disturbance to TPZs	Removal of existing surfacing/structures/ landscaping and/or installation of new surfacing/structures/ landscaping	61, 70, 71, 88, 90, 117, 184, 300, 405, 479	1, 6, 11, 28, 29, 36, 37, 47, 60, 62, 78, 81, 89, 91, 101, 115, 127, 136, 143, 145, 161, 162, 173, 177, 185, 237, 238, 239, 240, 241, 253, 257, 268, 269, 283, 292, 297, 303, 304, 305, 308, 321, 332, 333, 334, 335, 337, 339, 340, 346, 363, 364, 366, 372, 392, 395, 413, 430, 431, 432, 433, 442, 446, 451, 452, 453, 454, 458, 459, 460, 461, 462, 463, 476, 482, 498, 506, 512	17, 18, 19, 34, 35, 48, 49, 63, 64, 76, 79, 80, 82, 106, 112, 116, 126, 138, 164, 165, 166, 175, 186, 193, 198, 215, 219, 236, 242, 251, 254, 255, 260, 296, 299, 302, 311, 323, 324, 325, 327, 331, 349, 362, 371, 383, 384, 385, 387, 388, 389, 390, 391, 393, 394, 406, 412, 425, 434, 435, 445, 447, 457, 464, 465, 466, 467, 489, 490, 491, 492, 493, 494, 495, 499, 504, 507	50, 51, 52, 53, 86, 111, 132, 144, 172, 174, 176, 234, 235, 252, 301, 360, 361, 367, 373, 374, 375, 376, 377, 450, 484, 500		
Trees to be removed	Building and driveway construction and/or level variations within TPZ	348	2, 7, 8, 20, 24, 30, 32, 45, 54, 57, 59, 65, 66, 67, 77, 84, 85, 87, 103, 107, 109, 118, 120, 124, 130, 133, 135, 139, 140, 141, 147, 170, 182, 183, 187, 194, 199, 200, 209, 220, 221, 243, 261, 262, 266, 279, 284, 293, 294, 314, 319, 322, 330, 336, 338, 347, 350, 351, 352, 354, 357, 378, 380, 399, 410, 426, 436, 437, 441, 455, 470, 472, 473, 475, 478, 480, 485, 497, 502, 503, 518	3, 4, 5, 9, 10, 12, 13, 14, 15, 16, 21, 22, 23, 25, 26, 31, 38, 39, 40, 41, 42, 46, 58, 68, 74, 75, 93, 94, 95, 96, 97, 98, 100, 102, 104, 105, 113, 114, 123, 125, 128, 129, 131, 134, 137, 142, 146, 148, 149, 150, 154, 157, 158, 159, 163, 167, 171, 178, 179, 180, 181, 188, 189, 190, 191, 192, 195, 201, 202, 203, 204, 205, 206, 207, 208, 212, 213, 214, 222, 226, 227, 228, 230, 232, 245, 246, 250, 258, 265, 267, 271, 273, 274, 275, 276, 277, 278, 280, 281, 282, 285, 287, 288, 290, 291, 298, 306, 307, 310, 312, 313, 315, 320, 328, 341, 342, 343, 344, 345, 353, 356, 358, 359, 365, 368, 381, 382, 386, 396, 400, 401, 404, 407, 411, 415, 416, 417, 418, 419, 420, 429, 438, 439, 440, 443, 444, 448, 449, 456, 468, 469, 471, 474, 477, 481, 483, 488, 496, 501, 508, 509, 510, 513, 514, 516, 517, 519	27, 33, 43, 44, 55, 56, 69, 72, 73, 83, 92, 99, 108, 110, 119, 121, 122, 151, 152, 153, 155, 156, 160, 168, 169, 196, 197, 210, 211, 216, 217, 218, 223, 224, 225, 229, 231, 233, 244, 247, 248, 249, 256, 259, 263, 264, 270, 272, 286, 289, 295, 309, 316, 317, 318, 326, 329, 355, 369, 370, 379, 397, 398, 402, 403, 408, 409, 414, 421, 422, 423, 424, 427, 428, 486, 487, 505, 511, 515		

3.2 **Detailed impact appraisal**

- 3.2.1 Category AA and A trees to be lost: The proposed development will necessitate the removal of eighty-two high category trees. These trees are considered moderate to high significance and display good health and condition. To compensate for loss of amenity, consideration should be given to replacement planting within the site.
- 3.2.2 Category AA and A trees that could potentially be adversely affected through TPZ disturbance: Eighty-eight category A and AA trees could potentially be adversely affected through disturbance to their TPZs as follows:
 - The eighty-eight trees nominated for retention are important trees with a high potential to contribute to amenity so any adverse impacts on them should be minimised. These trees are mostly located within the proposed 'deep soil' areas and clear of proposed construction works.

If it is intended to retain these trees, design and/or siting modification would be required to be considered to accommodate setbacks as prescribed by the Australian Standard AS4970-2009 *Protection of trees on development sites*. Specifically, the proposed buildings would need to be positioned to accommodate tree canopies and provide adequate clearance for site access during construction. Existing ground levels would be required to remain within their TPZ to avoid severance of structural and feeder roots.

Tree sensitive construction measures must be implemented if works are to proceed within, or near, their TPZ as prescribed by the Australian Standard AS4970-2009 *Protection of trees on development sites*. Similarly, excavation works required to be undertaken within the TPZ should be performed by hand under the supervision of the project arborist. Existing ground levels would be required to remain within their TPZ, and the below ground services to be relocated outside their TPZ to avoid severance of structural roots.

- 3.2.3 **Low category trees to be retained:** One-hundred and three low category trees could be successfully retained without any adverse effects if appropriate protective measures are properly specified and controlled through a detailed arboricultural method statement.
- 3.2.4 Low category trees to be removed: The proposed development will necessitate the removal of two-hundred and forty-six of low and very low retention value. None of these trees are considered significant or worthy of special measures to ensure their preservation. It should be noted that Trees 27, 38, 42, 55, 92, 110, 122, 123, 151, 152, 153, 155, 156, 160, 168, 169, 171, 196, 197, 211, 217, 223, 224, 225, 229, 231, 233, 244, 247, 250, 256, 263, 264, 272, 276, 286, 289, 290, 291, 295, 309, 316, 317, 318, 320, 326, 341, 355, 358, 359, 369, 370, 396, 397, 398, 400, 402, 403, 408, 409, 411, 414, 415, 416, 417, 418, 421, 422, 423, 429, 424, 427, 440, 444, 449, 469, 505 and 511 are exempt under Part 5.4 of Parramatta Development Control Plan 2011 *Preservation of Trees and Vegetation*.

Page 9 of 43



- 3.3 Proposals to mitigate any impact
- 3.3.1 **Protection of retained trees:** The successful retention of trees within the site will depend on the quality of the protection and the administrative procedures to ensure protective measures remain in place throughout the development. An effective way of doing this is through an arboricultural method statement that can be specifically referred to in the planning condition. An arboricultural method statement for this site is set out in detail in Section 4.
- 3.3.2 **New planting:** In the context of the loss of trees, a comprehensive new landscaping scheme is proposed including semi-mature trees to be planted within available areas in prominent locations. The new trees should have the potential to reach a significant height without excessive inconvenience and be sustainable into the long term, significantly improving the potential of the site to contribute to local amenity and character.
- 3.3.3 Summary of the impact on local amenity: Eighty-two high category trees and two-hundred and forty-six low category trees will be lost for reasonable building footprints to be established on each parcel in Stages 2 and 3. However, a comprehensive landscaping scheme to mitigate these losses is proposed that will include the planting of new trees. The proposed changes may adversely affect a further eighty-eight high category trees and one-hundred and three low category trees if appropriate protective measures are not taken. However, if adequate precautions to protect the retained trees are specified and implemented through the arboricultural method statement included in this report, the development proposal is expected to have a moderate to high impact on the contribution of trees to local amenity or character.

4. ARBORICULTURAL METHOD STATEMENT

4.1 Introduction

- 4.1.1 **Terms of reference:** The impact appraisal in Section 3 identified the potential impacts on trees caused by proposed development. Section 4 is an arboricultural method statement setting out management and protection details that <u>must</u> be implemented to secure successful tree retention. It has evolved from Australian Standard AS4970-2009 *Protection of trees on development sites*.
- 4.1.2 Plan TMP01: Plan TMP01 in Appendix 8 is illustrative and based entirely on provided information. This plan should only be used for dealing with the tree issues and all scaled measurements <u>must</u> be checked against the original submission documents. The precise location of all protective measures <u>must</u> be confirmed at the pre-commencement meeting before any demolition or construction activity starts. Its base is the existing land survey, which has the proposed layout superimposed so the two can be easily compared. It shows the existing trees numbered, with high categories (A) highlighted in green triangles and low categories (Z) highlighted in blue rectangles. It also shows the locations of the proposed protective measures.

4.2 Tree protection with fencing and ground protection

- 4.2.1 **Protection fencing:** Tree protection fencing must comply with AS4970 (section 4.3) recommendations. An illustrative guide is included as Appendix 4. The approximate location of the barriers and the TPZs is illustrated on plan TMP01. The precise location of the fencing must be agreed with the project Arborist before any development activity starts.
- 4.2.2 Ground protection: Any TPZs outside the protective fencing must be covered in ground protection based on AS4970 recommendations until there is no risk of damage from the demolition and construction activity. An illustrative specification for this ground protection is included as Appendix 5. On this site, it must be installed near retained trees if access is required across a TPZ before any demolition and construction starts.
- 4.3 **Precautions when working in TPZs:** Any work in TPZs must be done with care as set out in Appendix 6. On this site, special precautions must be taken near retained trees as illustrated on plan TMP01 and summarised below:
 - Removal of existing surfacing/structures and replacement with new surfacing/structures: Retained trees may be adversely affected by the demolition and construction works or the installation of new surfacing. Any adverse impact must be minimised by following the guidance set out in Appendix 6.

11 01 45

- Installation of new soft landscaping: All landscaping activity within TPZs has the potential to cause severe damage and any adverse impact must be minimised by following the guidance set out in Section 7 of Appendix 6.
- Installation of new services or upgrading of existing services: It is often difficult to clearly establish the detail of services until the construction is in progress. Where possible, it is proposed to use the existing services into the site and keep all new services outside TPZs. However, where existing services within TPZs require upgrading or new services have to be installed in TPZs, great care must be taken to minimise any disturbance. Trenchless installation should be the preferred option but if that is not feasible, any excavation must be carried out by hand according to the guidelines set out in Section 6 of Appendix 6. If services do need to be installed within TPZs, consultation must be obtained from the project Arborist and/or council before any works are carried out.
- Damage to street trees: Any damage to street trees as a result of
 erection of hoardings, scaffolding or due to the loading/unloading of
 vehicles adjacent the site must be immediately reported to the Council's
 Street Tree Contract Coordinator, in order to determine the appropriate
 action for maintaining the health and structural integrity of any damaged
 street tree.

4.4 Other tree related works

- 4.4.1 **Site storage, cement mixing and washing points:** All site storage areas, cement mixing and washing points for equipment and vehicles must be outside TPZs unless otherwise agreed with the project Arborist and/or council. Where there is a risk of polluted water run-off into TPZs, heavy-duty plastic sheeting and sandbags must be used to contain spillages and prevent contamination.
- 4.4.2 **Pruning:** Any pruning that is required to accommodate hoardings, scaffolding or to accommodate the unloading/loading of vehicles and has been approved by Council shall be carried out by a qualified Arborist (AQF3) and must be in accordance with AS4373 Australian Standards 'Pruning of Amenity Trees'.

4.5 Programme of tree protection and supervision

4.5.1 **Overview:** Tree protection cannot be reliably implemented without arboricultural input. The nature and extent of that input varies according to the complexity of the issues and the resources available on site. For this site, a summary of the level of arboricultural input that is likely to be required is set out in Appendix 7. The project arborist must be instructed to work within this framework to oversee the implementation of the protective measures and management proposals set out in this arboricultural method statement.

Page 12 of 43



The framework in Appendix 7 must form the basis for the discharge of planning conditions through site visits by the project arborist. These supervisory actions must be confirmed by formal letters circulated to all relevant parties. These permanent records of each site visit will accumulate to provide the proof of compliance and allow conditions to be discharged as the development progresses. The developer must instruct the project arborist to comply with the supervision requirements set out in this document before any work begins on site.

- 4.5.2 **Phasing of arboricultural input:** Trees can only be properly budgeted for and factored into the developing work programmes if the overall project management takes full account of tree issues once consent is confirmed. The project arborist must be involved in the following phases of the project management:
 - 1. Administrative preparation before work starts on site: It is normal for a development proposal to vary considerably from the expectations before consent as the detailed planning of implementation evolves. The early instruction of the project arborist ensures that tree issues are factored into the complexities of site management and can often help ease site pressures through creative approaches to tree protection. Pre-commencement discussions between the project arborist and the developer's team is an effective means of managing the tree issues with difficult constraints.
 - 2. **Pre-commencement site meeting:** A pre-commencement meeting must be held on site before any of the demolition and construction work begins. This must be attended by the site manager and the project arborist. Any clarifications or modifications to the consented details must be recorded and circulated to all parties in writing. This meeting is where the details of the programme of tree protection will be agreed and finalised by all parties, which will then form the basis of any supervision arrangements between the project arborist and the developer.
 - 3. **Site supervision:** Once the site is active, the project arborist must visit at an interval agreed at the pre-commencement site meeting. The supervision arrangement must be sufficiently flexible to allow the supervision of all sensitive works as they occur. The project arborist's initial role is to liaise with developer to ensure that appropriate protective measures are designed and in place before any works start on site. Once the site is working, that role will switch to monitoring compliance with arboricultural conditions and advising on any tree problems that arise or modifications that become necessary.
- 4.6 **Site management:** It is the developer's responsibility to ensure that the details of this arboricultural method statement and any agreed amendments are known and understood by all site personnel. Copies of the agreed documents must be kept on site at all times and the site manager must brief all personnel who could have an impact on trees on the specific tree protection requirements. This must be a part of the site induction procedures and written into appropriate site management documents.

Page 13 of 43



5. HOW TO USE THIS REPORT

- 5.1 **Limitations:** It is common that the detail of logistical issues such as site storage and the build programme are not finalised until after consent is issued. As this report has been prepared in advance of consent, some of its content may need to be updated as more detailed information becomes available once the post-consent project management starts. Although this document will remain the primary reference in the event of any disputes, some of its content may be superseded by authorised post-consent amendments.
- 5.2 Suggestions for the effective use of this report: Section 4 of this report, including the relevant appendices, is designed as an enforcement reference. It is constructed so the council can directly reference the detail in a planning condition. Referencing the report by name and relating conditions to specific subsections is an effective means of reducing confusion and facilitating enforcement in the event of problems during implementation. More specifically, the following issues should be directly referenced in the conditions for this site:

1.	Pre-commencement meeting	4.5
2.	Protection fence	4.2.1 and Appendix 4
3.	Ground protection	4.2.2 and Appendix 5
4.	Removal of surfacing/structures	4.3 and Appendix 6 (Section 4)
5.	Installation of surfacing/structures	4.3 and Appendices 6 (Section 5)
6.	Services	4.3 and Appendix 6 (Section 6)
7.	Landscaping	4.3 and Appendix 6 (Section 7)
8.	Programming of tree protection	4.5 and Appendix 7
9.	Arboricultural supervision	4.5 and Appendix 7

Each of the above matters shall be supervised by the project arborist and the relevant conditions can only be discharged once that supervision has been confirmed in writing to the relevant parties. The last column of the table in Appendix 7 is to be used so that the various supervision issues can be recorded as they are confirmed by supervision letters. It is intended to act as a summary quick reference to help keep track of the progress of the supervision.



6. OTHER CONSIDERATIONS

6.1 Trees subject to statutory controls: The subject trees (excluding trees listed in Table 2) are legally protected under Part 5.4 of Parramatta Development Control Plan 2011 Preservation of Trees and Vegetation. It will be necessary to consult the council before any pruning or removal works other than certain exemptions can be carried out.

Table 2: Exempt trees under Part 5.4 of Parramatta Development Control Plan 2011 Preservation of Trees and Vegetation.

Exempt trees											
27, 38, 42, 50, 51, 52, 53, 55, 76, 82, 92, 106, 110,											
111, 112, 122, 123, 126, 151, 152, 153, 155, 156, 160,											
168, 169, 171, 196, 197, 211, 217, 223, 224, 225, 229,											
231, 233, 244, 247, 250, 252, 256, 263, 264, 272, 276,											
286, 289, 290, 291, 295, 301, 309, 316, 317, 318, 320,											
326, 341, 355, 358, 359, 369, 370, 393, 396, 397, 398,											
400, 402, 403, 406, 408, 409, 411, 414, 415, 416, 417,											
418, 421, 422, 423, 429, 424, 427, 440, 444, 449, 457,											
469, 495, 500, 505, 511											

6.2 Trees outside the property: Trees located in the adjacent properties effectively out of the control of LAHC. It will not be possible to easily carry out the recommended works without the full co-operation of the tree owners. The implications of non-cooperation require legal interpretation and are beyond the scope of this report.

7. **BIBLIOGRAPHY**

7.1 List of references:

Australian Standard AS4373-2007 Pruning of Amenity Trees. Standards Australia.

Australian Standard AS4970-2009 Protection of trees on development sites. Standards Australia.

Barrell, J (2009) Draft for Practical Tree AZ version 9.02 A+NZ Barrel Tree Consultancy, Bridge House, Ringwood BH24 1EX

Brooker, M. Kleinig, D (1999) Field guide to eucalypts – South eastern Aust. Blooming Books, Hawthorn Vic.

Matheny, N.P. & Clark, J.R. (1998) Trees & Development: A Technical Guide to Preservation of Trees During Land Development International Society of Arboriculture, Savoy, Illinois.

Mattheck, Dr. Claus R., Breloer, Helge (1995) The Body Language of Trees - A Handbook for Failure Analysis;

The Stationery Office, London. England.

Robinson, L (1994) Field Guide to the Native Plants of Sydney Kangaroo Press, Kenthurst NSW

Page 15 of



8. DISCLAIMER

8.1 Limitations on use of this report:

This report is to be utilized in its entirety only. Any written or verbal submission, report or presentation that includes statements taken from the findings, discussions, conclusions or recommendations made in this report, may only be used where the whole of the original report (or a copy) is referenced in, and directly attached to that submission, report or presentation.

ASSUMPTIONS

Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible: however, Naturally Trees can neither guarantee nor be responsible for the accuracy of information provided by others.

Unless stated otherwise:

- Information contained in this report covers only those trees that were examined and reflects the condition of those trees at time of inspection: and
- The inspection was limited to visual examination of the subject trees without dissection, excavation, probing or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the subject trees may not arise in the future.

Yours sincerely

Andrew Scales
Dip. Horticulture

Dip. Arboriculture AQF5



APPENDIX 1

Brief qualifications and experience of Andrew Scales

1. Qualifications:

Associate Diploma Horticulture	Northern Sydney Institute of TAFE	1998
Certificate in Tree Surgery	Northern Sydney Institute of TAFE	1998
Diploma of Horticulture (Arboriculture)	Northern Sydney Institute of TAFE	2006
Diploma of Arboriculture AQF5	Northern Sydney Institute of TAFE	2019

2. Practical experience: Being involved in the arboricultural/horticultural industry for in excess of 20 years, I have developed skills and expertise recognized in the industry. Involvement in the construction industry and tertiary studies has provided me with a good knowledge of tree requirements within construction sites.

As director of Naturally Trees, in this year alone I have undertaken hundreds of arboricultural consultancy projects and have been engaged by a range of clients to undertake tree assessments. I have gained a wide range of practical tree knowledge through tree removal and pruning works.

3. Continuing professional development:

Visual Tree Assessment (Prof. Dr. Claus Mattheck)	Northern Sydney Institute of TAFE 2001
Wood Decay in Trees (F.W.M.R.Schwarze)	Northern Sydney Institute of TAFE 2004
Visual Tree Assessment (Prof. Dr. Claus Mattheck)	Carlton Hotel, Parramatta NSW 2004
Tree A-Z / Report Writing (Jeremy Barrell)	Northern Sydney Institute of TAFE 2006
Up by Roots – Healthy Soils and Trees in the Built Environment (James Urban)	The Sebel Parramatta NSW 2008
Tree Injection for Insect Control (Statement of Attainment)	Northern Sydney Institute of TAFE 2008
Quantified Tree Risk Assessment (QTRA) Registered Licensee #1655	South Western Sydney Institute TAFE 2011
Practitioners Guide to Visual Tree Assessment	South Western Sydney Institute TAFE 2011
Quantified Tree Risk Assessment (QTRA) Registered Licensee #1655	Richmond College NSW TAFE 2014
VALID Approach to Likelihood of Failure (David Evans)	Centennial Park NSW 2017

Page 17 of 43



APPENDIX 2

Tree schedule

NOTE: Colour annotation is AA & A trees with green background; Z & ZZ trees with blue background; trees to be removed in red text.

No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
1	Melaleuca quinquenervia	9	6	350	4.2	80%	М	Nil	Grass	Kerb	М	A 1
2	Eucalyptus scoparia	9	5	300	3.6	70%	M	Nil	Grass	Nil	M	A1
3	Chamaecyparis sp.	8	5	300	3.6	60%	М	Nil	Grass	Nil	M	Z12
4	Chamaecyparis sp.	8	5	300	3.6	60%	М	Nil	Grass	Nil	M	Z 12
5	Pittosporum undulatum	7	5	250	3.0	70%	М	Co-dominant Co-dominant	Grass	Adj. structure	M	Z 1
6	Melaleuca armillaris	8	6	400	4.8	80%	М	Nil	Garden	Adj. building	М	A1
7	Stenocarpus sinuatus	9	6	300	3.6	90%	М	Nil	Grass	Adj. building	M	A1
8	Syzygium paniculata	12	10	450	5.4	80%	М	Nil	Gravel	Adj. structure	Н	A1
9	Jacaranda mimosifolia	8	7	350	4.2	70%	М	Nil	Grass	Nil	M	Z 1
10	Jacaranda mimosifolia	7	6	300	3.6	70%	М	Co-dominant Co-dominant	Grass	Nil	М	Z 1
11	Grevillea robusta	14	9	400	4.8	70%	М	Nil	Grass	Nil	М	A1
12	Cinnamomum camphora	12	9	450	5.4	70%	М	Nil	Grass	Nil	M	Z10
13	Cinnamomum camphora	9	7	250	3.0	70%	S	Nil	Grass	Nil	L	Z 10
14	Pyrus sp.	7	7	300	3.6	80%	М	Co-dominant Co-dominant	Grass	Nil	M	Z 1
15	Jacaranda mimosifolia	7	6	300	3.6	70%	М	Co-dominant	Grass	Nil	М	Z1
16	Pinus radiata	10	9	400	4.8	60%	0	Nil	Grass	Adj. structure	М	Z 4
17	Callistemon sp.	4	4	150	2.0	60%	М	Lopped	Grass	LV wires	L	Z 1
18	Callistemon sp.	5	5	250	3.0	60%	М	Lopped	Grass	LV wires	L	Z 1
19	Callistemon sp.	5	5	250	3.0	60%	М	Lopped	Grass	LV wires	L	Z 1
20	Grevillea robusta	12	8	350	4.2	70%	М	Nil	Grass	Nil	М	A1
21	Grevillea robusta	10	4	250	3.0	70%	S	Co-dominant	Grass	Nil	M	Z10
22	Liquidambar styraciflua	14	12	450	5.4	80%	М	Co-dominant Included bark	Grass	Adj. driveway	Н	Z9
23	Pittosporum undulatum	6	4	150	2.0	80%	S	Nil	Garden	Nil	L	Z 1
24	Liquidambar styraciflua	16	10	450	5.4	80%	M	Co-dominant	Garden	Nil	Н	A1
25	Callistemon sp.	6	4	150	2.0	70%	M	Nil	Grass	Nil	L	Z1
26	Callistemon sp.	6	4	150	2.0	70%	M	Nil	Grass	Nil	L	Z1
27	Olea sp.	5	3	100	2.0	70%	M	Nil	Grass	Nil	L	ZZ3
28	Eucalyptus sideroxylon	16	10	450	5.4	80%	М	Nil	Garden	Adj. driveway	Н	A1
29	Eucalyptus sideroxylon	16	10	450	5.4	80%	М	Nil	Garden	Adj. driveway	Н	A1

Page 18 of 43



30 Eleanypus eideroxylor 16 10 450 5.4 80% M Nil Grass Nil M 21	No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
22 Araucaria heterophylla 16 9 400 4.8 80% M Nil Grass Nil H A1	30	Eucalyptus sideroxylon	16	10	450	5.4	80%	М	Nil	Garden	Adj. driveway	Н	A1
33 Cupressus sp. 9 6 250 3.0 50% O Dieback Grass Nii M ZZ4 34 Callistemon sp. 5 4 150 2.0 60% M Co-dominant Grass Nii L Z1 35 Callistemon sp. 5 4 150 2.0 60% M Co-dominant Grass Nii L Z1 36 Melaleuca quinquenenia 9 6 350 4.2 80% M Nii Grass Nii M A1 37 Corymbia maculata 12 9 400 4.8 70% M Nii Grass Nii M A1 38 Schinus terebrithicilo 7 5 250 3.0 70% M Nii Grass Nii L Z3 39 Grevillea robusta 20 14 600 7.2 50% O Dieback Garden Adj. building H Z10 40 Erobotrya japonica 6 6 200 2.4 80% M Nii Garden Nii L Z3 41 Jacaranda mimostolia 7 4 200 2.4 70% S Nii Garden Nii L Z3 43 Eriobotrya japonica 6 6 150 2.0 90% S Nii Garden Nii L Z3 44 Chramonum camphora 6 4 150 2.0 90% S Nii Garden Nii L Z3 45 Jacaranda mimostolia 10 9 350 4.2 70% M Nii Garden Grass Nii M A1 46 Callistemon sp. 6 4 250 3.0 70% M Nii Grass Nii M A1 47 Jacaranda mimostolia 10 9 350 4.2 70% M Nii Grass Nii M A1 48 Callistemon sp. 6 4 250 3.0 70% M Nii Grass Nii M A1 49 Callistemon sp. 5 4 250 3.0 70% M Nii Grass Nii L Z1 49 Callistemon sp. 5 4 250 3.0 70% M Nii Grass Nii L Z23 51 Syagus romanzofilana 7 3 250 3.0 70% M Nii Grass Nii L Z23 52 Syagus romanzofilana 7 3 250 3.0 70% M Nii Grass Nii L Z23 53 Syagus romanzofilana 7 3 250 3.0 70% M Nii Grass Nii L Z23 54 Cadrus deodara 14 12 600 7.2 80% M Nii Grass Nii M A1 50 Callistemon sp. 7 7 300 3.6 70% M Nii Grass Nii M A1 50 Callidatemon sp. 7 7 300 3.6 70% M Nii Grass Nii M A1	31	Jacaranda mimosifolia	8	6	300	3.6	70%	М	Nil	Grass	Nil	М	Z 1
Second Common Registry Second Registry Sec	32	Araucaria heterophylla	16	9	400	4.8	80%	М	Nil	Grass	Nil	Н	A1
Second Comment	33	Cupressus sp.	9	6	250	3.0	50%	0	Dieback	Grass	Nil	M	ZZ4
36 Melaleuca quinquenervia 9 6 350 4.2 80% M Nill Grass Nill M A1	34	Callistemon sp.	5	4	150	2.0	60%	М	Co-dominant	Grass	Nil	L	Z 1
37 Corymbia maculata 12 9 400 4.8 70% M Nil Grass Nil M A1 38 Schinus terabintholia 7 5 250 3.0 70% M Nil Grass Nil L Z3 39 Grevillea robusta 20 14 600 7.2 50% O Dieback Garden Adj. building H Z10 40 Eriobotrya japonica 6 6 200 2.4 80% M Nil Garden Nil L Z3 41 Jacaranda mimosifolia 7 4 200 2.4 70% S Nil Garden Adj. drivewy L Z1 42 Morus sp. 5 5 250 3.0 70% M Nil Garden Adj. drivewy L Z1 43 Eriobotrya japonica 6 4 150 2.0 70% M Nil Garden Adj. building L Z23 44 Crinamornum camphora 6 4 150 2.0 90% S Nil Garden Adj. building L Z21 45 Jacaranda mimosifolia 10 9 350 4.2 70% M Co-dominant Grass Nil M A1 46 Callistemon sp. 6 4 250 3.0 80% M Nil Grass Nil M A1 48 Callistemon sp. 5 4 250 3.0 70% M Nil Grass Nil M A1 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass Nil L Z1 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass Nil L Z1 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass Nil L Z2 50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z2 51 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z2 52 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z2 51 Carlus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 52 Cupressus sp. 7 7 5 50 3.0 70% M Nil Grass Nil H A1 50 Cupressus sp. 7 7 5 50 3.0 70% M Nil Grass Nil H A1 52 Cupressus sp. 7 7 5 50 3.0 70% M Nil Grass Nil H A1 53 Cupressus sp. 7 7 5 50 3.0 70% M Nil Grass Nil H A1 54 Cupressus sp. 7 7 50 3.6 60 80% M Nil Grass Ni	35	Callistemon sp.	5	4	150	2.0	60%	М	Co-dominant	Grass	Nil	L	Z 1
38 Schinus terebinthifolia 7 5 250 3.0 70% M Nill Grass Nill L Z3 33 Grevillea robusta 20 14 600 7.2 50% O Dieback Garden Adj. building H Z10 L Z10 Z10	36	Melaleuca quinquenervia	9	6	350	4.2	80%	М	Nil	Grass	Nil	М	A1
39 Grevillea robusta 20 14 600 7.2 50% 0 Dieback Garden Adj. building H 210	37	Corymbia maculata	12	9	400	4.8	70%	М	Nil	Grass	Nil	М	A1
40 Eriobotrya japonica 6 6 200 2.4 80% M Nill Garden Nill L Z3	38	Schinus terebinthifolia	7	5	250	3.0	70%	M	Nil	Grass	Nil	L	Z 3
41 Jacaranda mimosifolia 7 4 200 2.4 70% S Nil Garden Adj. driveway L Z1 42 Morus sp. 5 5 250 3.0 70% M Nil Garden Nil L Z3 43 Eriobotrya japonica 6 4 150 2.0 70% M Nil Garden Adj. driveway L Z23 44 Cinnamonum camphora 6 4 150 2.0 30% S Nil Garden Adj. driveway L Z21 45 Jacaranda mimosifolia 10 9 350 4.2 70% M Co-dominant Grass Nil L Z21 47 Jacaranda mimosifolia 9 10 300 3.6 80% M Nil Grass Nil L Z1 47 Jacatanda mimosifolia 9 10 300 3.6 80% M	39	Grevillea robusta	20	14	600	7.2	50%	0	Dieback	Garden	Adj. building	Н	Z10
42 Morus sp. 5 5 250 3.0 70% M NiI Garden NiI L Z3 43 Erlobotrya japonica 6 4 150 2.0 70% M NiI Grass Adj. driveway L 223 44 Cinnamorum camphora 6 4 150 2.0 90% S NiI Garden Adj. driveway L 223 44 Cinnamorum camphora 6 4 150 2.0 90% S NiI Garden Adj. driveway L 221 45 Jacaranda mimosifolia 10 9 350 4.2 70% M Co-dominant Grass NiI L 21 47 Jacaranda mimosifolia 9 10 300 3.6 80% M NiI Grass NiI M A1 48 Callistemon sp. 5 4 250 3.0 70% M NiI	40	Eriobotrya japonica	6	6	200	2.4	80%	M	Nil	Garden	Nil	L	Z3
43 Eriobotrya japonica 6 4 150 2.0 70% M Nil Grass Adj. driveway L ZZ3 44 Cinnamomum camphora 6 4 150 2.0 90% S Nil Garden Adj. building L ZZ1 45 Jacaranda mimosifolia 10 9 350 4.2 70% M Co-dominant Grass Nil M A1 46 Callistemon sp. 6 4 250 3.0 80% M Nil Grass Nil L Z1 47 Jacaranda mimosifolia 9 10 300 3.6 80% M Nil Grass Nil M A1 48 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil	41	Jacaranda mimosifolia	7	4	200	2.4	70%	S	Nil	Garden	Adj. driveway	L	Z 1
44 Cinnamomum camphora 6 4 150 2.0 90% S Nill Garden Adj. building L ZZ1 45 Jacaranda mimosifolia 10 9 350 4.2 70% M Co-dominant Grass Nil M A1 46 Callistemon sp. 6 4 250 3.0 80% M Nil Grass Nil M A1 47 Jacaranda mimosifolia 9 10 300 3.6 80% M Nil Grass Nil M A1 48 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L 21 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L 21 50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil <t< td=""><td>42</td><td>Morus sp.</td><td>5</td><td>5</td><td>250</td><td>3.0</td><td>70%</td><td>M</td><td>Nil</td><td>Garden</td><td>Nil</td><td>L</td><td>Z3</td></t<>	42	Morus sp.	5	5	250	3.0	70%	M	Nil	Garden	Nil	L	Z 3
45 Jacaranda mimosifolia 10 9 350 4.2 70% M Co-dominant Grass Nil M A1 46 Callistemon sp. 6 4 250 3.0 80% M Nil Grass Nil L Z1 47 Jacaranda mimosifolia 9 10 300 3.6 80% M Nil Grass Nil M A1 48 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass	43	Eriobotrya japonica	6	4	150	2.0	70%	М	Nil	Grass	Adj. driveway	L	ZZ3
46 Callistemon sp. 6 4 250 3.0 80% M NiI Grass NiI L Z1 47 Jacaranda mimosifolia 9 10 300 3.6 80% M NiI Grass NiI M A1 48 Callistemon sp. 5 4 250 3.0 70% M NiI Grass LV wires L Z1 49 Callistemon sp. 5 4 250 3.0 70% M NiI Grass LV wires L Z1 50 Syagrus romanzoffiana 7 3 250 3.0 70% M NiI Grass NiI L Z23 52 Syagrus romanzoffiana 7 3 250 3.0 70% M NiI Grass NiI L Z23 53 Syagrus romanzoffiana 7 3 250 3.0 70% M NiI Grass	44	Cinnamomum camphora	6	4	150	2.0	90%	S	Nil	Garden	Adj. building	L	ZZ1
47 Jacaranda mimosifolia 9 10 300 3.6 80% M Nil Grass Nil M A1 48 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 51 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 52 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 53 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass <td>45</td> <td>Jacaranda mimosifolia</td> <td>10</td> <td>9</td> <td>350</td> <td>4.2</td> <td>70%</td> <td>М</td> <td>Co-dominant Co-dominant</td> <td>Grass</td> <td>Nil</td> <td>М</td> <td>A1</td>	45	Jacaranda mimosifolia	10	9	350	4.2	70%	М	Co-dominant Co-dominant	Grass	Nil	М	A1
48 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 49 Callistemon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 51 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 52 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 53 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 54 Cedrus deodara 14 12 600 7.2 80% M Nil Grass	46	Callistemon sp.	6	4	250	3.0	80%	М	Nil	Grass	Nil	L	Z 1
49 Callistermon sp. 5 4 250 3.0 70% M Nil Grass LV wires L Z1 50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 51 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 52 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 53 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L Z23 54 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 55 Ligustrum sp. 8 5 250 3.0 70% M Nil Grass <	47	Jacaranda mimosifolia	9	10	300	3.6	80%	М	Nil	Grass	Nil	М	A1
50 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 51 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil L ZZ3 52 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 53 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 54 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 55 Ligustrum sp. 8 5 250 3.0 70% M Nil Grass Adj. building L ZZ3 56 Cinamomum camphora 8 4 200 2.4 80% S Nil Grass Nil H	48	Callistemon sp.	5	4	250	3.0	70%	М	Nil	Grass	LV wires	L	Z 1
51 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 52 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 53 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 54 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 55 Ligustrum sp. 8 5 250 3.0 70% M Nil Grass Adj. building L ZZ3 56 Cinnamomum camphora 8 4 200 2.4 80% S Nil Grass Nil H A1 57 Cedrus deodara 14 12 600 7.2 80% M Nil Grass	49	Callistemon sp.	5	4	250	3.0	70%	М	Nil	Grass	LV wires	L	Z 1
52 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 53 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 54 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 55 Ligustrum sp. 8 5 250 3.0 70% M Nil Grass Adj. building L ZZ3 56 Cinnamomum camphora 8 4 200 2.4 80% S Nil Grass Nil L ZZ1 57 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 58 Cupressus sp. 7 7 5 250 3.0 70% M Co-dominant <t< td=""><td>50</td><td>Syagrus romanzoffiana</td><td>7</td><td>3</td><td>250</td><td>3.0</td><td>70%</td><td>М</td><td>Nil</td><td>Grass</td><td>Nil</td><td>L</td><td>ZZ3</td></t<>	50	Syagrus romanzoffiana	7	3	250	3.0	70%	М	Nil	Grass	Nil	L	ZZ3
53 Syagrus romanzoffiana 7 3 250 3.0 70% M Nil Grass Nil L ZZ3 54 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 55 Ligustrum sp. 8 5 250 3.0 70% M Nil Grass Adj. building L ZZ3 56 Cinnamomum camphora 8 4 200 2.4 80% S Nil Garden Nil L ZZ1 57 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 58 Cupressus sp. 7 5 250 3.0 70% M Co-dominant Grass Nil M A1 59 Callistemon sp. 7 7 300 3.6 70% M Co-dominant Grass	51	Syagrus romanzoffiana	7	3	250	3.0	70%	М	Nil	Grass	Nil	L	ZZ3
54 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 55 Ligustrum sp. 8 5 250 3.0 70% M Nil Grass Adj. building L ZZ3 56 Cinnamomum camphora 8 4 200 2.4 80% S Nil Garden Nil L ZZ1 57 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 58 Cupressus sp. 7 5 250 3.0 70% M Co-dominant Grass Nil L Z1 59 Callistemon sp. 7 7 300 3.6 70% M Co-dominant Grass Nil M A1 60 Liquidambar styraciflua 14 12 500 6.0 80% M Nil Grass	52	Syagrus romanzoffiana	7	3	250	3.0	70%	М	Nil	Grass	Nil	L	ZZ3
55 Ligustrum sp. 8 5 250 3.0 70% M Nil Grass Adj. building L ZZ3 56 Cinnamomum camphora 8 4 200 2.4 80% S Nil Garden Nil L ZZ1 57 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 58 Cupressus sp. 7 5 250 3.0 70% M Co-dominant Grass Nil L Z1 59 Callistemon sp. 7 7 300 3.6 70% M Co-dominant Grass Nil M A1 60 Liquidambar styraciflua 14 12 500 6.0 80% M Nil Grass Nil H AA1 61 Eucalyptus saligna 28 20 900 10.8 80% M Nil Gravel	53	Syagrus romanzoffiana	7	3	250	3.0	70%	М	Nil	Grass	Nil	L	ZZ3
56 Cinnamomum camphora 8 4 200 2.4 80% S Nil Garden Nil L ZZ1 57 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 58 Cupressus sp. 7 5 250 3.0 70% M Co-dominant Grass Nil L Z1 59 Callistemon sp. 7 7 300 3.6 70% M Co-dominant Grass Nil M A1 60 Liquidambar styraciflua 14 12 500 6.0 80% M Nil Grass Nil M A1 61 Eucalyptus saligna 28 20 900 10.8 80% M Nil Grass Nil H AA1 62 Liquidambar styraciflua 14 10 600 7.2 80% M Nil Nil </td <td>54</td> <td>Cedrus deodara</td> <td>14</td> <td>12</td> <td>600</td> <td>7.2</td> <td>80%</td> <td>М</td> <td>Nil</td> <td>Grass</td> <td>Nil</td> <td>Н</td> <td>A1</td>	54	Cedrus deodara	14	12	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
57 Cedrus deodara 14 12 600 7.2 80% M Nil Grass Nil H A1 58 Cupressus sp. 7 5 250 3.0 70% M Co-dominant Grass Nil L Z1 59 Callistemon sp. 7 7 300 3.6 70% M Co-dominant Grass Nil M A1 60 Liquidambar styraciflua 14 12 500 6.0 80% M Nil Grass Nil M A1 61 Eucalyptus saligna 28 20 900 10.8 80% M Cavity on NE side trunk Grass Nil H AA1 62 Liquidambar styraciflua 14 10 600 7.2 80% M Nil Gravel Nil H A1	55	Ligustrum sp.	8	5	250	3.0	70%	М	Nil	Grass	Adj. building	L	ZZ3
58 Cupressus sp. 7 5 250 3.0 70% M Co-dominant Grass Nil L Z1 59 Callistemon sp. 7 7 300 3.6 70% M Co-dominant Grass Nil M A1 60 Liquidambar styraciflua 14 12 500 6.0 80% M Nil Grass Nil M A1 61 Eucalyptus saligna 28 20 900 10.8 80% M Cavity on NE side trunk Grass Nil H AA1 62 Liquidambar styraciflua 14 10 600 7.2 80% M Nil Gravel Nil H A1	56	Cinnamomum camphora	8	4	200	2.4	80%	S	Nil	Garden	Nil	L	ZZ1
59 Callistemon sp. 7 7 300 3.6 70% M Co-dominant Grass Nil M A1 60 Liquidambar styraciflua 14 12 500 6.0 80% M Nil Grass Nil M A1 61 Eucalyptus saligna 28 20 900 10.8 80% M Cavity on NE side trunk Grass Nil H AA1 62 Liquidambar styraciflua 14 10 600 7.2 80% M Nil Gravel Nil H A1	57	Cedrus deodara	14	12	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
60 Liquidambar styraciflua 14 12 500 6.0 80% M Nil Grass Nil M A1 61 Eucalyptus saligna 28 20 900 10.8 80% M Cavity on NE side trunk Grass Nil H AA1 62 Liquidambar styraciflua 14 10 600 7.2 80% M Nil Gravel Nil H A1	58	Cupressus sp.	7	5	250	3.0	70%	M	Co-dominant	Grass	Nil	L	Z 1
61 Eucalyptus saligna 28 20 900 10.8 80% M Cavity on NE side trunk Grass Nil H AA1 62 Liquidambar styraciflua 14 10 600 7.2 80% M Nil Gravel Nil H A1	59	Callistemon sp.	7	7	300	3.6	70%	М	Co-dominant	Grass	Nil	М	A1
62 Liquidambar styraciflua 14 10 600 7.2 80% M Nil Gravel Nil H A1	60	Liquidambar styraciflua	14	12	500	6.0	80%	М	Nil	Grass	Nil	М	A1
	61	Eucalyptus saligna	28	20	900	10.8	80%	М	Cavity on NE side trunk	Grass	Nil	Н	AA1
63 Liquidambar styraciflua 10 6 400 4.8 70% M Nil Gravel Nil M Z10	62	Liquidambar styraciflua	14	10	600	7.2	80%	М	Nil	Gravel	Nil	Н	A1
	63	Liquidambar styraciflua	10	6	400	4.8	70%	М	Nil	Gravel	Nil	М	Z10

Page 19 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
64	Jacaranda mimosifolia	9	7	300	3.6	60%	М	Dieback	Garden	Nil	L	Z4
65	Jacaranda mimosifolia	16	12	500	6.0	80%	М	Co-dominant	Grass	Nil	M	A1
66	Jacaranda mimosifolia	16	12	500	6.0	80%	M	Co-dominant	Grass	Nil	M	A1
67	Cupressus sp.	12	8	500	6.0	80%	М	Nil	Grass	Nil	M	A1
68	Pittosporum undulatum	9	6	350	4.2	70%	М	Nil	Grass	Nil	L	Z 10
69	Eucalyptus scoparia	8	7	450	5.4	30%	0	Failed central leader	Grass	LV wires	M	ZZ4
70	Eucalyptus sideroxylon	24	16	600	7.2	90%	М	Nil	Grass	Nil	Н	AA1
71	Eucalyptus robusta	24	20	700	8.4	80%	М	Nil	Grass	Nil	Н	AA1
72	Eucalyptus scoparia	10	8	350	4.2	30%	0	Dieback	Grass	Nil	M	ZZ4
73	Eucalyptus scoparia	18	10	600	7.2	60%	0	Bracket fungi Cavity Failures	Grass	Adj. building	Н	ZZ5
74	Chamaecyparis sp.	10	6	350	4.2	70%	М	Nil	Grass	Nil	M	Z10
75	Chamaecyparis sp.	10	6	350	4.2	70%	М	Nil	Grass	Nil	M	Z 10
76	Melia azedarach	9	7	350	4.2	70%	S	Included bark	Garden	Nil	M	Z3
77	Cupressus sp.	16	9	600	7.2	80%	М	Nil	Grass	Adj. structure	Н	A1
78	Eucalyptus paniculata	18	14	600	7.2	70%	М	Dieback	Grass	Adj. building	Н	A2
79	Eucalyptus sideroxylon	16	10	450	5.4	60%	М	Bracket fungi Cavity	Grass	Adj. structure	M	Z 9
80	Cinnamomum camphora	12	7	350	4.2	70%	М	Nil	Garden	Adj. structure	M	Z10
81	Cedrus deodara	18	14	700	8.4	80%	М	Nil	Garden	Adj. building	Н	A1
82	Schinus terebinthifolia	16	14	900	10.8	70%	М	Leaning	Garden	Adj. structure	Н	Z3
83	Cinnamomum camphora	9	8	250	3.0	70%	S	Nil	Garden	Adj. building	L	ZZ1
84	Cupressus sp.	16	7	500	6.0	80%	М	Nil	Grass	Nil	M	A 1
85	Cupressus sp.	16	7	500	6.0	80%	М	Nil	Grass	Nil	M	A1
86	Eucalyptus scoparia	10	9	450	5.4	50%	0	Bracket fungi Cavity Dieback	Grass	Nil	M	ZZ4
87	Cupressus sp.	16	7	500	6.0	80%	М	Nil	Grass	Nil	M	A 1
88	Eucalyptus paniculata	22	16	600	7.2	80%	М	Nil	Grass	Nil	Н	AA1
89	Eucalyptus robusta	12	10	450	5.4	70%	М	Nil	Grass	Nil	Н	A1
90	Eucalyptus robusta	20	16	700	8.4	80%	М	Nil	Grass	Nil	Н	AA1
91	Pinus patula	22	16	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
92	Eucalyptus sp.	16	12	500	6.0	0%	0	Dead tree	Grass	Adj. building	M	ZZ4
93	Cinnamomum camphora	12	7	450	5.4	70%	М	Nil	Garden	LV wires	M	Z 10
94	Cinnamomum camphora	9	7	300	3.6	80%	S	Nil	Garden	Adj. building	M	Z 1
95	Camellia sp.	5	5	150	2.0	80%	М	Nil	Grass	Nil	L	Z 1
96	Ceratopetalum gummiferum	8	5	200	2.4	70%	М	Nil	Garden	Nil	L	Z 1
97	Grevillea robusta	14	7	300	3.6	80%	S	Nil	Garden	Adj. building	M	Z 10

Page 20 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
98	Pittosporum undulatum	8	6	200	2.4	70%	М	Nil	Garden	Nil	L	Z 1
99	Mangifera sp.	6	6	200	2.4	70%	М	Dieback	Garden	Adj. building	L	ZZ4
100	Cinnamomum camphora	12	8	300	3.6	70%	S	Nil	Garden	Adj. building	М	Z 10
101	Pittosporum undulatum	10	8	350	4.2	80%	М	Nil	Grass	Nil	М	A1
102	Cinnamomum camphora	8	7	300	3.6	80%	M	Nil	Garden	Nil	М	Z 1
103	Cedrus deodara	18	14	700	8.4	80%	M	Co-dominant	Grass	Nil	Н	A1
104	Cinnamomum camphora	8	5	250	3.0	80%	M	Nil	Garden	Adj. building	L	Z 1
105	Mangifera sp.	5	5	200	2.4	80%	М	Nil	Grass	Nil	L	Z 3
106	Syagrus romanzoffiana	12	4	300	3.6	90%	М	Nil	Grass	Nil	М	Z 3
107	Jacaranda mimosifolia	14	14	700	8.4	80%	М	Nil	Grass	Nil	Н	A1
108	Cinnamomum camphora	8	6	150	2.0	90%	S	Nil	Garden	Nil	L	ZZ1
109	Grevillea robusta	20	14	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
110	Ficus elastica	14	14	600	7.2	90%	М	Co-dominant	Garden	Nil	Н	ZZ3
111	Schinus terebinthifolia	7	6	450	5.4	60%	М	Lopped, Epicormic	Grass	LV wires	М	ZZ5
112	Melia azedarach	10	9	400	4.8	80%	М	Leaning	Garden	Adj. structure	М	Z 3
113	Jacaranda mimosifolia	8	6	250	3.0	70%	М	Co-dominant	Garden	Nil	L	Z 1
114	Jacaranda mimosifolia	8	6	250	3.0	70%	М	Co-dominant	Garden	Nil	L	Z 1
115	Liquidambar styraciflua	14	12	500	6.0	80%	М	Nil	Grass	Nil	М	A1
116	Lagerstroemia indica	6	5	100	2.0	70%	М	Epicormic growth	Grass	Nil	L	Z 1
117	Eucalyptus saligna	24	20	700	8.4	80%	М	Nil	Grass	Nil	Н	AA1
118	Casuarina cunninghamiana	16	10	500	6.0	80%	М	Included bark	Grass	Nil	М	A2
119	Callistemon sp.	6	3	150	2.0	60%	0	Borer Dieback	Grass	Nil	L	ZZ4
120	Jacaranda mimosifolia	10	10	450	5.4	80%	М	Nil	Garden	Nil	М	A1
121	Lagerstroemia indica	7	5	150	2.0	70%	М	Epicormic growth Lopped	Garden	Nil	L	ZZ5
122	Schefflera actinophylla	6	5	150	2.0	60%	М	Co-dominant	Garden	Nil	L	ZZ3
123	Ficus elastica	14	12	700	8.4	80%	М	Co-dominant	Garden	Nil	М	Z 3
124	Jacaranda mimosifolia	12	8	450	5.4	70%	М	Nil	Grass	Nil	М	A1
125	Cinnamomum camphora	16	14	450	5.4	80%	М	Nil	Garden	Nil	М	Z10
126	Melia azedarach	12	9	400	4.8	60%	М	Heavily pruned	Garden	Nil	М	Z 3
127	Fraxinus sp.	8	8	400	4.8	80%	М	Nil	Grass	Kerb	М	A1
128	Jacaranda mimosifolia	8	6	150	2.0	70%	S	Co-dominant	Garden	Adj. structure	L	Z 1
129	Cupressus sp.	7	3	200	2.4	60%	М	Dieback	Grass	Nil	L	Z4
130	Callistemon sp.	8	8	350	4.2	80%	М	Nil	Grass	Nil	М	A1
131	Magnolia sp.	5	4	100	2.0	80%	М	Co-dominant	Grass	Nil	L	Z 1

Page 21 of 43



	No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
134 Brachychiton acerifolius 9	132	Jacaranda mimosifolia	9	8	350	4.2	40%	0	Epicormic growth Lopped	Garden	Nil	М	ZZ5
135 Jacaranda mimosifolia 12 10 400 4.8 80% M Nil Gravel Adj. building M A1 136 Liquidambar styracilius 18 16 600 7.2 90% M Co-dominant Garden Adj. building M A1 137 Jacaranda mimosifolia 9 7 250 3.0 70% M Co-dominant Gravel Adj. building L 210 138 Callistemon sp. 7 4 150 2.0 70% M Nil Grass Nil L 21 139 Liquidambar styracilius 14 9 350 4.2 80% M Nil Garden Nil M A1 141 Liquidambar styracilius 14 9 350 4.2 80% M Nil Garden Nil M A1 141 Pittosporum undulatum 10 8 350 4.2 80% M Nil Garden Nil M A1 142 Callistemon sp. 6 4 150 2.0 80% M Nil Garden Nil M A1 143 Melaleuca quinqueneriva 10 9 450 5.4 70% M Nil Garden Nil M A1 144 Cinnamorum camphora 8 3 100 2.0 80% S Clump of sucker-growth Garden Nil L 225 145 Araucaria heterophylla 16 9 600 7.2 80% M Nil Grass Nil L 21 147 Melasequoia glyptosrobides 10 7 350 4.2 70% M Nil Grass Nil L 21 148 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L 21 149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L 21 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Nil L 223 151 Liqustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 152 Liqustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 153 Liqustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 154 Cinnamorum camphora 12 9 350 4.2 80% M Nil Grass Nil L 223 155 Liqustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 154 Cinnamorum camphora 12 9 350 4.2 80% M Nil Grass Nil L 221 155 Cipressus sp. 10 4	133	Eucalyptus botryoides	24	20	800	9.6	80%	М	Bracket fungi on second upright bough Cavity	Gravel	Adj. building	Н	A2
136 Liquidambar styraciflua 18 16 600 7.2 90% M Co-dominant Garden Adj, building M A1 137 Jacaranda mimosifolici 9 7 250 3.0 70% M Co-dominant Grass Adj, building L 210 138 Californo sp. 7 4 150 2.0 70% M Nill Grass Nil L 21 139 Liquidambar styraciflua 14 9 350 4.2 80% M Nill Garden Nil M A1 140 Liquidambar styraciflua 14 9 350 4.2 80% M Nill Garden Nil M A1 1410 Liquidambar styraciflua 14 9 350 4.2 80% M Nill Garden Nil M A1 1412 Californom sp. 6 4 150 2.0 80% M Nill Garden Nil M A1 1412 Californom sp. 6 4 150 2.0 80% M Nill Garden Nil M A1 1413 Melaleuca quinquenervia 10 9 450 5.4 70% M Nill Garden Nil M A1 1414 Cinamomum camphora 8 3 100 2.0 80% S Clump of sucker-growth Garden Nil M A1 1415 Lagerstroemia indica 7 5 200 2.4 70% M Nill Grass Nil L 21 1416 Melaleuca linarifolia 8 6 250 3.0 70% M Nill Grass Nil M A1 1418 Melaleuca linarifolia 8 6 250 3.0 70% M Nill Grass Nil L 23 1419 Melaleuca linarifolia 8 6 250 3.0 70% M Nill Grass Nil L 223 152 Liquistrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 153 Liquistrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 154 Commomum camphora 12 9 350 4.2 80% M Nill Grass Nil L 223 155 Liquistrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 156 Morus sp. 7 5 300 3.6 60% M Nill Grass Nil L 223 155 Liquistrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 156 Liquistrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 157 Protentia glabra 6 4 150 3.6 60% M	134	Brachychiton acerifolius	9	6	300	3.6	70%	М	Nil	Gravel	Adj. structure	М	Z 10
137 Jacaranda mimosifolia 9 7 250 3.0 70% M Co-dominant Grass Adj. building L Z10 138 Callistemon sp. 7 4 150 2.0 70% M Nil Grass Nil L Z1 Z11	135	Jacaranda mimosifolia	12	10	400	4.8	80%	М	Nil	Gravel	Adj. building	М	A1
138 Callistemon sp. 7	136	Liquidambar styraciflua	18	16	600	7.2	90%	М	Co-dominant	Garden	Adj. building	М	A 1
139 Liquidambar styraciflua 14 9 350 4.2 80% M Nil Garden Nil M A1 140 Liquidambar styraciflua 14 9 350 4.2 80% M Nil Garden Nil M A1 141 Pitrosporum undulatum 10 8 350 4.2 80% M Nil Garden Nil M A1 142 Calistemon sp. 6 4 150 2.0 80% M Nil Grass Nil L 21 143 Melaleuca quinquenervia 10 9 450 5.4 70% M Nil Garden Nil M A1 144 Cinnamonum camphora 8 3 100 2.0 80% S Clump of sucker-growth Garden Nil L 225 145 Araccaria heterophyla 16 9 600 7.2 90% M Nil Grass Nil L 21 146 Lagerstroamia indica 7 5 200 2.4 70% M Nil Grass Nil L 21 147 Metassquoia glytostroboides 10 7 350 4.2 70% M Nil Grass Nil M A1 148 Mangilera sp. 6 5 250 3.0 70% M Nil Grass Nil L 21 149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L 210 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Nil L 223 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 154 Cinnamonum camphora 12 9 350 4.2 80% M Nil Grass Nil L 225 157 Photinia glabra 6 4 150 2.0 80% M Nil Grass Nil L 225 158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L 226 159 Ligustrum sp. 5 4 100 2.0 80% M Nil Grass Nil L 226 158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L 226 159 Cupressus sp. 1	137	Jacaranda mimosifolia	9	7	250	3.0	70%	М	Co-dominant Co-dominant	Grass	Adj. building	L	Z 10
140 Liquidamber styraciflua 14 9 350 4.2 80% M Nil Garden Nil M A1 141 Pittosporum undulatum 10 8 350 4.2 80% M Nil Garden Nil M A1 142 Callistemon sp.	138	Callistemon sp.	7	4	150	2.0	70%	М	Nil	Grass	Nil	L	Z 1
141 Pittosporum undulatum 10 8 350 4.2 80% M Nil Garden Nil M A1 142 Calistemon sp. 6 4 150 2.0 80% M Nil Grass Nil L 21 143 Melaleuca quinquenervia 10 9 450 5.4 70% M Nil Garden Nil M A1 144 Cinnamomum camphora 8 3 100 2.0 80% S Clump of sucker-growth Garden Nil L 225 145 Araucaria heterophylla 16 9 600 7.2 90% M Nil Grass Nil H A1 146 Lagerstroemia indica 7 5 200 2.4 70% M Nil Grass Nil M A1 147 Metasequoia glyptostrobides 10 7 350 4.2 70% M Nil Grass Nil M A1 148 Mangilera sp. 6 5 5 250 3.0 70% M Nil Grass Nil L 23 149 Metaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L 21 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Nil L 223 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 154 Cinnamomum camphora 12 9 350 4.2 80% M Nil Garden Nil M 210 155 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 156 Monus sp. 7 5 300 3.6 60% M Nil Garden Nil L 223 157 Protinia glabra 6 4 150 2.0 80% M Nil Garden Nil L 225 157 Protinia glabra 6 4 150 2.0 80% M Nil Grass Nil L 210 160 Olea sp. 5 4 100 2.0 80% M Nil Grass Nil L 210 161 Garden Nil L 223 234 2	139	Liquidambar styraciflua	14	9	350	4.2	80%	М	Nil	Garden	Nil	М	A1
142 Callistemon sp. 6 4 150 2.0 80% M Nil Grass Nil L Z1 143 Melaleuca quinquenervia 10 9 450 5.4 70% M Nill Garden Nill M A1 144 Cinnamomum camphora 8 3 100 2.0 80% S Clump of sucker-growth Garden Nill L 225 145 Araucaria heterophylla 16 9 600 7.2 90% M Nil Grass Nil L 21 147 Metasequoia glyptostroboides 10 7 350 4.2 70% M Nil Grass Nil L 21 148 Margifera sp. 6 5 250 3.0 70% M Nil Grass Nil L 23 149 Melaleuca linariifolia 8 6 250 3.0 70% M Ni	140	Liquidambar styraciflua	14	9	350	4.2	80%	М	Nil	Garden	Nil	М	A1
143 Melaleuca quinquenervia 10 9 450 5.4 70% M Nil Garden Nil M A1 144 Cinnamomum camphora 8 3 100 2.0 80% S Clump of sucker-growth Garden Nil L 225 145 Araucaria heterophylla 16 9 600 7.2 90% M Nil Grass Nil H A1 146 Lagerstroemia indica 7 5 200 2.4 70% M Nil Grass Nil L 21 147 Metasequoia glyptostroboides 10 7 350 4.2 70% M Nil Grass Nil L 23 149 Metaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L 23 149 Metaleuca linariifolia 8 6 250 3.0 70% M	141	Pittosporum undulatum	10	8	350	4.2	80%	М	Nil	Garden	Nil	М	A1
144 Cinnamomum camphora 8 3 100 2.0 80% S Clump of sucker-growth Garden Nil L ZZ5 145 Araucaria heterophylla 16 9 600 7.2 90% M Nil Grass Nil H A1 146 Lagerstroemia indica 7 5 200 2.4 70% M Nil Grass Nil L Z1 147 Metasequoia glyptostroboides 10 7 350 4.2 70% M Nil Grass Nil L Z3 148 Mangifera sp. 6 5 250 3.0 70% M Nil Grass Nil L Z3 149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L Z23 150 Ficus benjamina 12 10 400 4.8 80% M Co-domi	142	Callistemon sp.	6	4	150	2.0	80%	М	Nil	Grass	Nil	L	Z 1
145 Araucaria heterophylia 16 9 600 7.2 90% M Nil Grass Nil H A1 146 Lagerstroemia indica 7 5 200 2.4 70% M Nil Grass Nil L Z1 147 Metasequoia glyptostroboides 10 7 350 4.2 70% M Nil Grass Nil M A1 148 Mangifera sp. 6 5 250 3.0 70% M Nil Grass Nil L Z3 149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L Z1 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Adj. structure M Z10 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant <td>143</td> <td>Melaleuca quinquenervia</td> <td>10</td> <td>9</td> <td>450</td> <td>5.4</td> <td>70%</td> <td>М</td> <td>Nil</td> <td>Garden</td> <td>Nil</td> <td>М</td> <td>A1</td>	143	Melaleuca quinquenervia	10	9	450	5.4	70%	М	Nil	Garden	Nil	М	A1
146 Lagerstroemia indica 7 5 200 2.4 70% M Nil Grass Nil L Z1 147 Metasequoia glyptostroboides 10 7 350 4.2 70% M Nil Grass Nil M A1 148 Mangifera sp. 6 5 250 3.0 70% M Nil Grass Nil L 23 149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L 210 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Adj. structure M 210 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L 223 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant </td <td>144</td> <td>Cinnamomum camphora</td> <td>8</td> <td>3</td> <td>100</td> <td>2.0</td> <td>80%</td> <td>S</td> <td>Clump of sucker-growth</td> <td>Garden</td> <td>Nil</td> <td>L</td> <td>ZZ5</td>	144	Cinnamomum camphora	8	3	100	2.0	80%	S	Clump of sucker-growth	Garden	Nil	L	ZZ5
147 Metasequoia glyptostroboides 10 7 350 4.2 70% M Nil Grass Nil M A1 148 Mangifera sp. 6 5 250 3.0 70% M Nil Grass Nil L Z3 149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L Z3 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Adj. structure M Z10 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 153 Ligustrum sp. 9 5 150 2.0 80% M Nil	145	Araucaria heterophylla	16	9	600	7.2	90%	М	Nil	Grass	Nil	Н	A1
148 Mangifera sp. 6 5 250 3.0 70% M Nil Grass Nil L Z3 149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L Z10 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Adj. structure M Z10 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 154 Cinnamonum camphora 12 9 350 4.2 80% M Nil	146	Lagerstroemia indica	7	5	200	2.4	70%	М	Nil	Grass	Nil	L	Z 1
149 Melaleuca linariifolia 8 6 250 3.0 70% M Nil Grass Nil L Z10 150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Adj. structure M Z10 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 154 Cinnamomum camphora 12 9 350 4.2 80% M Nil Garden Nil M Z10 155 Ligustrum sp. 8 8 300 3.6 50% M Nil <td>147</td> <td>Metasequoia glyptostroboides</td> <td>10</td> <td>7</td> <td>350</td> <td>4.2</td> <td>70%</td> <td>М</td> <td>Nil</td> <td>Grass</td> <td>Nil</td> <td>М</td> <td>A1</td>	147	Metasequoia glyptostroboides	10	7	350	4.2	70%	М	Nil	Grass	Nil	М	A1
150 Ficus benjamina 12 10 400 4.8 80% M Co-dominant Garden Adj. structure M Z10 151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L Z23 154 Cinnamomum camphora 12 9 350 4.2 80% M Nil Garden Nil M Z10 155 Ligustrum sp. 8 8 300 3.6 70% M Nil Garden Nil M Z23 156 Morus sp. 7 5 300 3.6 50% O Epicormic growth Lo	148	Mangifera sp.	6	5	250	3.0	70%	М	Nil	Grass	Nil	L	Z 3
151 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L ZZ3 152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L ZZ3 153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L ZZ3 154 Cinnamomum camphora 12 9 350 4.2 80% M Nil Garden Nil M Z10 155 Ligustrum sp. 8 8 300 3.6 70% M Nil Garden Nil M Z23 156 Morus sp. 7 5 300 3.6 50% O Epicormic growth Lopped Grass Nil L Z25 157 Photinia glabra 6 4 150 2.0 80% M Nil	149	Melaleuca linariifolia	8	6	250	3.0	70%	М	Nil	Grass	Nil	L	Z 10
152 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L ZZ3 153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L ZZ3 154 Cinnamomum camphora 12 9 350 4.2 80% M Nil Garden Nil M Z10 155 Ligustrum sp. 8 8 300 3.6 70% M Nil Garden Nil M Z23 156 Morus sp. 7 5 300 3.6 50% O Epicormic growth Lopped Grass Nil L Z25 157 Photinia glabra 6 4 150 2.0 80% M Epicormic growth Lopped Garden Adj. structure L 29 158 Cupressus sp. 10 4 300 3.6 60% M <t< td=""><td>150</td><td>Ficus benjamina</td><td>12</td><td>10</td><td>400</td><td>4.8</td><td>80%</td><td>М</td><td>Co-dominant</td><td>Garden</td><td>Adj. structure</td><td>М</td><td>Z10</td></t<>	150	Ficus benjamina	12	10	400	4.8	80%	М	Co-dominant	Garden	Adj. structure	М	Z10
153 Ligustrum sp. 9 5 150 2.0 80% S Co-dominant Garden Nil L ZZ3 154 Cinnamomum camphora 12 9 350 4.2 80% M Nil Garden Nil M Z10 155 Ligustrum sp. 8 8 300 3.6 70% M Nil Garden Nil M Z23 156 Morus sp. 7 5 300 3.6 50% O Epicormic growth Lopped Grass Nil L Z25 157 Photinia glabra 6 4 150 2.0 80% M Epicormic growth Lopped Garden Adj. structure L Z9 158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 159 Cupressus sp. 10 4 300 3.6 60% M Nil <td>151</td> <td>Ligustrum sp.</td> <td>9</td> <td>5</td> <td>150</td> <td>2.0</td> <td>80%</td> <td>S</td> <td>Co-dominant Co-dominant</td> <td>Garden</td> <td>Nil</td> <td>L</td> <td>ZZ3</td>	151	Ligustrum sp.	9	5	150	2.0	80%	S	Co-dominant Co-dominant	Garden	Nil	L	ZZ3
154 Cinnamomum camphora 12 9 350 4.2 80% M Nil Garden Nil M Z10 155 Ligustrum sp. 8 8 300 3.6 70% M Nil Garden Nil M Z23 156 Morus sp. 7 5 300 3.6 50% O Epicormic growth Lopped Grass Nil L Z25 157 Photinia glabra 6 4 150 2.0 80% M Epicormic growth Lopped Garden Adj. structure L Z9 158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nii L Z10 159 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nii L Z10 160 Olea sp. 5 4 100 2.0 80% M Nil <td< td=""><td>152</td><td>Ligustrum sp.</td><td>9</td><td>5</td><td>150</td><td>2.0</td><td>80%</td><td>S</td><td>Co-dominant</td><td>Garden</td><td>Nil</td><td>L</td><td>ZZ3</td></td<>	152	Ligustrum sp.	9	5	150	2.0	80%	S	Co-dominant	Garden	Nil	L	ZZ3
155 Ligustrum sp. 8 8 300 3.6 70% M Nil Garden Nil M ZZ3 156 Morus sp. 7 5 300 3.6 50% O Epicormic growth Lopped Grass Nil L ZZ5 157 Photinia glabra 6 4 150 2.0 80% M Epicormic growth Lopped Garden Adj. structure L Z9 158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 159 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 160 Olea sp. 5 4 100 2.0 80% M Nil Grass Nil L Z23 161 Jacaranda mimosifolia 12 10 350 4.2 70% M Nil <	153	Ligustrum sp.	9	5	150	2.0	80%	S	Co-dominant Co-dominant	Garden	Nil	L	ZZ3
156 Morus sp. 7 5 300 3.6 50% O Epicormic growth Lopped Grass Nil L ZZ5 157 Photinia glabra 6 4 150 2.0 80% M Epicormic growth Lopped Garden Adj. structure L Z9 158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 159 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 160 Olea sp. 5 4 100 2.0 80% M Nil Grass Nil L Z23 161 Jacaranda mimosifolia 12 10 350 4.2 70% M Nil Grass Nil M A1 162 Jacaranda mimosifolia 12 10 400 4.8 70% M Nil	154	Cinnamomum camphora	12	9	350	4.2	80%	М	Nil	Garden	Nil	М	Z10
157 Photinia glabra 6 4 150 2.0 80% M Epicormic growth Lopped Garden Adj. structure L Z9 158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 159 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 160 Olea sp. 5 4 100 2.0 80% M Nil Grass Nil L ZZ3 161 Jacaranda mimosifolia 12 10 350 4.2 70% M Nil Grass Nil M A1 162 Jacaranda mimosifolia 12 10 400 4.8 70% M Nil Grass Nil M A1 163 Cinnamomum camphora 7 4 200 2.4 80% S Nil	155	Ligustrum sp.	8	8	300	3.6	70%	М	Nil	Garden	Nil	М	ZZ3
158 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 159 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 160 Olea sp. 5 4 100 2.0 80% M Nil Grass Nil L ZZ3 161 Jacaranda mimosifolia 12 10 350 4.2 70% M Nil Grass Nil M A1 162 Jacaranda mimosifolia 12 10 400 4.8 70% M Nil Grass Nil M A1 163 Cinnamomum camphora 7 4 200 2.4 80% S Nil Grass Nil L Z1 164 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil	156	Morus sp.	7	5	300	3.6	50%	0	Epicormic growth Lopped	Grass	Nil	L	ZZ5
159 Cupressus sp. 10 4 300 3.6 60% M Nil Grass Nil L Z10 160 Olea sp. 5 4 100 2.0 80% M Nil Grass Nil L ZZ3 161 Jacaranda mimosifolia 12 10 350 4.2 70% M Nil Grass Nil M A1 162 Jacaranda mimosifolia 12 10 400 4.8 70% M Nil Grass Nil M A1 163 Cinnamomum camphora 7 4 200 2.4 80% S Nil Garden Nil L Z1 164 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil L Z1	157	Photinia glabra	6	4	150	2.0	80%	М	Epicormic growth Lopped	Garden	Adj. structure	L	Z9
160 Olea sp. 5 4 100 2.0 80% M Nil Grass Nil L ZZ3 161 Jacaranda mimosifolia 12 10 350 4.2 70% M Nil Grass Nil M A1 162 Jacaranda mimosifolia 12 10 400 4.8 70% M Nil Grass Nil M A1 163 Cinnamomum camphora 7 4 200 2.4 80% S Nil Garden Nil L Z1 164 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil L Z1	158	Cupressus sp.	10	4	300	3.6	60%	М	Nil	Grass	Nil	L	Z10
161 Jacaranda mimosifolia 12 10 350 4.2 70% M Nil Grass Nil M A1 162 Jacaranda mimosifolia 12 10 400 4.8 70% M Nil Grass Nil M A1 163 Cinnamomum camphora 7 4 200 2.4 80% S Nil Garden Nil L Z1 164 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil L Z1	159	Cupressus sp.	10	4	300	3.6	60%	М	Nil	Grass	Nil	L	Z10
162 Jacaranda mimosifolia 12 10 400 4.8 70% M Nil Grass Nil M A1 163 Cinnamomum camphora 7 4 200 2.4 80% S Nil Garden Nil L Z1 164 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil L Z1	160	Olea sp.	5	4	100	2.0	80%	М	Nil	Grass	Nil	L	ZZ3
163 Cinnamomum camphora 7 4 200 2.4 80% S Nil Garden Nil L Z1 164 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil L Z1	161	Jacaranda mimosifolia	12	10	350	4.2	70%	М	Nil	Grass	Nil	М	A1
164 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil L Z1	162	Jacaranda mimosifolia	12	10	400	4.8	70%	М	Nil	Grass	Nil	М	A 1
	163	Cinnamomum camphora	7	4	200	2.4	80%	S	Nil	Garden	Nil	L	Z 1
165 Callistemon sp. 7 5 200 2.4 70% M Nil Grass Nil L Z1	164	Callistemon sp.	7	5	200	2.4	70%	М	Nil	Grass	Nil	L	Z 1
	165	Callistemon sp.	7	5	200	2.4	70%	М	Nil	Grass	Nil	L	Z 1

Page 22 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
166	Callistemon sp.	7	5	200	2.4	70%	М	Nil	Grass	Nil	L	Z 1
167	Cupressus sp.	6	5	300	3.6	80%	S	Nil	Grass	Nil	L	Z 1
168	Ligustrum sp.	9	7	200	2.4	90%	S	Co-dominant	Grass	Nil	L	ZZ3
169	Ligustrum sp.	9	7	200	2.4	90%	S	Co-dominant	Grass	Nil	L	ZZ3
170	Liquidambar styraciflua	14	10	450	5.4	90%	M	Nil	Grass	Nil	M	A1
171	Ficus elastica	14	14	450	5.4	80%	M	Co-dominant	Garden	Nil	M	Z3
172	Lagerstroemia indica	5	5	100	2.0	80%	М	Epicormic growth Lopped	Grass	Nil	L	ZZ5
173	Toona australis	8	6	300	3.6	80%	М	Nil	Grass	Nil	М	A1
174	Eriobotrya japonica	6	4	100	2.0	60%	М	Dieback	Grass	Nil	L	ZZ3
175	Callistemon sp.	6	4	200	2.4	60%	М	Nil	Grass	Nil	L	Z 1
176	Eriobotrya japonica	4	3	100	2.0	60%	S	Nil	Grass	Nil	L	ZZ3
177	Callistemon sp.	8	7	400	4.8	90%	М	Nil	Grass	Nil	M	A 1
178	Jacaranda mimosifolia	5	4	100	2.0	80%	S	Nil	Grass	Nil	L	Z1
179	Pittosporum undulatum	8	6	250	3.0	80%	М	Nil	Grass	Nil	M	Z 1
180	Cupressus sp.	8	6	200	2.4	80%	М	Co-dominant	Grass	Nil	M	Z9
181	Prunus sp.	5	6	250	3.0	70%	M	Nil	Grass	Nil	L	Z 1
182	Pyrus sp.	12	9	350	4.2	90%	M	Nil	Garden	Nil	M	A1
183	Pyrus sp.	12	9	350	4.2	90%	M	Nil	Garden	Nil	M	A1
184	Cedrus deodara	22	18	700	8.4	80%	М	Nil	Grass	Adj. building	Н	AA1
185	Cinnamomum camphora	18	14	600	7.2	80%	М	Nil	Grass	Nil	M	A1
186	Cupressus sp.	14	6	350	4.2	70%	М	Co-dominant	Garden	Adj. driveway	M	Z 9
187	Liquidambar styraciflua	16	14	600	7.2	90%	М	Nil	Grass	Nil	Н	A1
188	Lagerstroemia indica	8	6	200	2.4	80%	M	Nil	Grass	Nil	M	Z 1
189	Macadamia integrifolia	8	5	250	3.0	80%	M	Nil	Garden	Nil	L	Z 1
190	Lagerstroemia indica	6	5	100	2.0	80%	M	Nil	Grass	Nil	M	Z 1
191	Lagerstroemia indica	6	5	100	2.0	80%	M	Nil	Grass	Nil	M	Z 1
192	Lagerstroemia indica	6	5	100	2.0	80%	M	Nil	Grass	Nil	M	Z 1
193	Callistemon sp.	6	5	150	2.0	70%	М	Nil	Grass	Nil	L	Z 1
194	Jacaranda mimosifolia	14	12	500	6.0	80%	М	Epicormic growth	Grass	LV wires	M	A1
195	Grevillea robusta	6	3	100	2.0	70%	S	Nil	Grass	LV wires	L	Z1
196	Pittosporum undulatum	7	7	300	3.6	0%	0	Borer	Grass	LV wires	L	ZZ4
197	Ligustrum sp.	5	5	100	2.0	90%	S	Nil	Grass	Nil	L	ZZ3
198	Callistemon sp.	5	4	150	2.0	70%	0	Lopped	Grass	LV wires	L	Z9
199	Araucaria colomularis	16	6	600	7.2	80%	M	Nil	Grass	Nil	Н	A1
100	7 II dadana dolomaland	10	U	000		0070	141	140	Cidoo			Α.

Page 23 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
200	Araucaria colomularis	14	6	400	4.8	80%	М	Cambium damage	Grass	Nil	М	A1
201	Banksia sp.	5	4	100	2.0	70%	M	Nil	Grass	Nil	L	Z 1
202	Callistemon sp.	5	4	150	2.0	80%	M	Nil	Grass	Nil	L	Z 1
203	Callistemon sp.	5	4	150	2.0	80%	M	Nil	Grass	Nil	L	Z 1
204	Leptospermum petersonii	5	4	100	2.0	80%	M	Nil	Grass	Nil	L	Z 1
205	Leptospermum petersonii	5	4	100	2.0	80%	M	Nil	Grass	Nil	L	Z 1
206	Leptospermum petersonii	5	4	100	2.0	80%	M	Nil	Grass	Nil	L	Z 1
207	Leptospermum petersonii	5	4	100	2.0	80%	M	Nil	Grass	Nil	L	Z 1
208	Leptospermum petersonii	5	4	100	2.0	80%	M	Nil	Grass	Nil	L	Z 1
209	Eucalyptus globulus	12	7	300	3.6	80%	M	Nil	Grass	Nil	L	A1
210	Callistemon sp.	5	3	200	2.4	50%	М	Lopped	Grass	LV wires	L	ZZ4
211	Ligustrum sp.	5	4	100	2.0	80%	S	Nil	Grass	Adj. building	L	ZZ3
212	Cupressus sp.	12	6	450	5.4	80%	М	Co-dominant	Grass	Adj. building	М	Z9
213	Cupressus sp.	5	4	250	3.0	70%	M	Heavily pruned	Grass	Nil	L	Z9
214	Grevillea robusta	7	3	150	2.0	60%	S	Nil	Garden	Nil	L	Z 1
215	Callistemon sp.	5	4	150	2.0	70%	М	Nil	Grass	LV wires	L	Z 1
216	Pittosporum undulatum	6	5	150	2.0	70%	M	Epicormic growth Lopped	Garden	Nil	L	ZZ5
217	Ligustrum sp.	6	4	100	2.0	80%	S	Epicormic growth	Garden	Nil	L	ZZ5
218	Lagerstroemia indica	6	4	100	2.0	80%	S	Epicormic growth Lopped	Garden	Nil	L	ZZ5
219	Callistemon sp.	5	4	150	2.0	60%	М	Epicormic growth Lopped	Grass	LV wires	L	Z 9
220	Cinnamomum camphora	14	12	500	6.0	80%	М	Co-dominant	Grass	Nil	М	A 1
221	Jacaranda mimosifolia	10	9	350	4.2	80%	M	Nil	Grass	Nil	М	A 1
222	Callistemon sp.	5	4	150	2.0	80%	M	Nil	Grass	Nil	L	Z 1
223	Ligustrum sp.	8	6	200	2.4	80%	M	Nil	Grass	Nil	L	ZZ3
224	Ligustrum sp.	8	6	200	2.4	80%	М	Nil	Grass	Nil	L	ZZ3
225	Ligustrum sp.	8	6	200	2.4	80%	M	Nil	Grass	Nil	L	ZZ3
226	Cupressus sp.	9	5	300	3.6	80%	M	Nil	Garden	Adj. building	М	Z10
227	Acer palmatum	6	6	250	3.0	60%	0	Borer	Grass	Adj. building	L	Z 1
228	Pittosporum undulatum	6	4	250	3.0	70%	S	Nil	Garden	Nil	L	Z 1
229	Ligustrum sp.	5	4	150	2.0	80%	S	Nil	Garden	Nil	L	ZZ3
230	Pittosporum undulatum	5	5	250	3.0	60%	М	Borer	Garden	Nil	L	Z 1
231	Ligustrum sp.	16	14	500	6.0	80%	M	Co-dominant	Garden	Nil	Н	ZZ3
232	Grevillea robusta	12	9	300	3.6	80%	M	Nil	Garden	Nil	М	Z 10
233	Ligustrum sp.	6	5	100	2.0	70%	S	Co-dominant	Garden	Nil	L	ZZ3

Page 24 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
234	Bauhinia galpinii	10	9	300	3.6	70%	М	Epicormic growth Lopped stump	Garden	Nil	М	ZZ5
235	Lagerstroemia indica	5	4	100	2.0	60%	S	Lopped	Garden	Nil	L	ZZ5
236	Callistemon sp.	6	5	200	2.4	70%	М	Nil	Grass	LV wires	L	Z 1
237	Melaleuca armillaris	10	7	350	4.2	80%	М	Nil	Grass	Nil	М	A1
238	Liquidambar styraciflua	16	14	500	6.0	90%	М	Nil	Garden	Nil	Н	A1
239	Cinnamomum camphora	10	9	400	4.8	80%	М	Nil	Grass	Nil	М	A1
240	Pittosporum undulatum	8	6	350	4.2	70%	М	Nil	Grass	Nil	M	A1
241	Cinnamomum camphora	16	12	400	4.8	70%	М	Co-dominant Co-dominant	Grass	Nil	М	A1
242	Cinnamomum camphora	10	7	250	3.0	80%	М	Nil	Grass	Nil	М	Z10
243	Cedrus deodara	9	5	200	2.4	80%	S	Co-dominant	Grass	Nil	M	A1
244	Ligustrum sp.	8	4	150	2.0	80%	S	Co-dominant	Garden	Nil	L	ZZ3
245	Cinnamomum camphora	12	9	250	3.0	80%	М	Co-dominant	Garden	Nil	M	Z9
246	Cinnamomum camphora	12	9	250	3.0	80%	М	Co-dominant	Garden	Nil	M	Z9
247	Ligustrum sp.	12	10	450	5.4	80%	М	Co-dominant Co-dominant	Garden	Nil	Н	ZZ3
248	Mangifera sp.	5	5	250	3.0	50%	0	Dieback	Grass	Nil	L	ZZ4
249	Syzygium sp.	8	5	150	2.0	90%	S	Epicormic growth Lopped stump	Grass	Nil	L	ZZ5
250	Morus sp.	6	7	200	2.4	70%	М	Co-dominant	Grass	Nil	L	Z 3
251	Callistemon sp.	5	4	200	2.4	70%	М	Nil	Grass	LV wires	L	Z 1
252	Callistemon sp.	5	4	100	2.0	0%	0	Nil	Grass	Nil	L	ZZ4
253	Melaleuca armillaris	8	8	300	3.6	70%	М	Co-dominant	Garden	Adj. building	М	A1
254	Cinnamomum camphora	10	9	350	4.2	80%	М	Co-dominant	Garden	Adj. structure	М	Z10
255	Archontophoenix alexandrae	9	3	250	3.0	90%	М	Nil	Garden	Nil	L	Z10
256	Ligustrum sp.	8	6	250	3.0	80%	М	Nil	Grass	Nil	L	ZZ3
257	Cinnamomum camphora	14	16	600	7.2	80%	М	Nil	Garden	Nil	М	A1
258	Chamaecyparis sp.	8	6	250	3.0	80%	М	Nil	Grass	Nil	M	Z10
259	Callistemon sp.	4	2	200	2.4	20%	0	Bracket fungi Lopped	Grass	LV wires	L	ZZ5
260	Ulmus parvifolia	8	5	250	3.0	70%	S	Nil	Garden	Nil	L	Z10
261	Cedrus deodara	10	7	400	4.8	80%	М	Nil	Grass	Nil	М	A1
262	Jacaranda mimosifolia	12	9	450	5.4	70%	М	Nil	Grass	Nil	M	A1
263	Ligustrum sp.	9	5	200	2.4	70%	M	Nil	Garden	Nil	М	ZZ3
264	Ligustrum sp.	9	5	200	2.4	70%	М	Nil	Garden	Nil	М	ZZ3
265	Lagerstroemia indica	6	6	200	2.4	70%	М	Nil	Garden	Adj. building	L	Z10
266	Cinnamomum camphora	12	12	600	7.2	80%	М	Nil	Grass	Nil	М	A1
267	Cinnamomum camphora	7	5	150	2.0	90%	S	Nil	Garden	Adj. structure	L	Z 1

Page 25 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
268	Jacaranda mimosifolia	10	9	350	4.2	70%	М	Nil	Garden	Nil	М	A1
269	Callistemon sp.	6	6	300	3.6	70%	М	Nil	Grass	Kerb	М	A1
270	Olea sp.	6	4	150	2.0	80%	М	Nil	Grass	Nil	L	ZZ3
271	Cinnamomum camphora	9	7	250	3.0	70%	M	Nil	Garden	Nil	М	Z 10
272	Ligustrum sp.	7	5	200	2.4	80%	М	Nil	Garden	Adj. structure	L	ZZ3
273	Cinnamomum camphora	8	5	250	3.0	70%	М	Nil	Garden	Nil	L	Z 10
274	Jacaranda mimosifolia	9	7	300	3.6	70%	М	Epicormic growth Lopped	Garden	LV wires	М	Z 10
275	Callistemon sp.	5	5	200	2.4	80%	М	Nil	Garden	Nil	L	Z 10
276	Melia azedarach	10	9	300	3.6	80%	М	Co-dominant Co-dominant	Garden	Nil	М	Z 3
277	Cinnamomum camphora	8	6	200	2.4	80%	S	Nil	Garden	Nil	М	Z 10
278	Cinnamomum camphora	8	6	200	2.4	80%	S	Nil	Garden	Nil	М	Z10
279	Lophostemon confertus	12	9	400	4.8	80%	М	Nil	Grass	Nil	М	A1
280	Cupressus sp.	10	5	350	4.2	70%	М	Nil	Grass	LV wires	М	Z 10
281	Cupressus sp.	10	5	250	3.0	70%	М	Nil	Grass	Nil	М	Z10
282	Cupressus sp.	10	5	350	4.2	70%	М	Nil	Grass	LV wires	М	Z10
283	Jacaranda mimosifolia	9	9	350	4.2	70%	М	Nil	Grass	Nil	М	A1
284	Callistemon sp.	7	9	450	5.4	80%	М	Co-dominant	Grass	Nil	М	A1
285	Callistemon sp.	8	5	300	3.6	70%	М	Nil	Grass	Nil	L	Z10
286	Cotoneaster sp.	5	5	200	2.4	60%	0	Cavity Failures	Grass	Nil	L	ZZ3
287	Callistemon sp.	4	5	200	2.4	70%	М	Lopped	Grass	LV wires	L	Z9
288	Callistemon sp.	4	5	200	2.4	70%	М	Lopped	Grass	LV wires	L	Z9
289	Ligustrum sp.	7	5	100	2.0	80%	S	Co-dominant Co-dominant	Garden	Adj. structure	L	ZZ3
290	Acer negundo	12	12	400	4.8	80%	М	Nil	Grass	Nil	Н	Z3
291	Acer negundo	12	12	500	6.0	80%	М	Nil	Grass	Nil	Н	Z 3
292	Callistemon sp.	7	6	400	4.8	80%	М	Lopped	Grass	LV wires	М	A2
293	Callistemon sp.	10	8	400	4.8	70%	М	Nil	Grass	Nil	М	A1
294	Callistemon sp.	10	8	400	4.8	70%	М	Nil	Grass	Nil	М	A1
295	Schefflera sp.	5	4	100	2.0	80%	М	Co-dominant Clumping	Grass	Adj. building	L	ZZ3
296	Archontophoenix alexandrae	10	3	250	3.0	90%	М	Nil	Garden	Adj. building	М	Z10
297	Callistemon sp.	9	8	400	4.8	80%	М	Nil	Grass	Nil	М	A1
298	Callistemon sp.	4	5	200	2.4	60%	М	Leaning	Grass	Nil	L	Z1
299	Callistemon sp.	4	5	200	2.4	60%	М	Leaning	Grass	Nil	L	Z 1
300	Eucalyptus saligna	35	35	1400	16.8	90%	М	Nil	Grass	Adj. building	Н	AA1
301	Ligustrum sp.	7	5	150	2.0	80%	М	Nil	Planter	Adj. structure	L	ZZ3

Page 26 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
302	Jacaranda mimosifolia	7	5	100	2.0	70%	S	Co-dominant	Grass	Nil	L	Z10
303	Eucalyptus saligna	14	9	300	3.6	70%	М	Nil	Grass	Nil	M	A1
304	Jacaranda mimosifolia	14	12	500	6.0	80%	М	Co-dominant	Grass	Nil	М	A1
305	Eucalyptus saligna	16	12	500	6.0	80%	M	Borer	Grass	Adj. driveway	Н	A1
306	Syzigium sp.	7	5	250	3.0	60%	М	Epicormic growth Lopped	Grass	LV wires	L	Z 5
307	Syzigium sp.	7	6	350	4.2	60%	М	Epicormic growth Lopped	Grass	LV wires	L	Z 5
308	Callistemon sp.	6	6	350	4.2	70%	М	Lopped	Grass	LV wires	М	A2
309	Olea sp.	5	4	150	2.0	80%	М	Nil	Garden	LV wires	L	ZZ3
310	Cinnamomum camphora	7	5	100	2.0	80%	S	Co-dominant	Grass	Nil	L	Z 10
311	Jacaranda mimosifolia	6	6	300	3.6	60%	М	Epicormic growth Lopped	Garden	LV wires	M	Z9
312	Callistemon sp.	5	4	250	3.0	70%	М	Lopped	Grass	LV wires	L	Z9
313	Callistemon sp.	4	4	150	2.0	70%	М	Lopped	Grass	LV wires	L	Z 9
314	Callistemon sp.	7	7	350	4.2	60%	M	Nil	Grass	Nil	M	A1
315	Callistemon sp.	6	4	200	2.4	60%	М	Nil	Grass	Nil	L	Z 1
316	Olea sp.	5	4	100	2.0	70%	S	Nil	Grass	Nil	L	ZZ3
317	Ligustrum sp.	7	4	100	2.0	70%	S	Nil	Garden	Adj. building	L	ZZ3
318	Ligustrum sp.	9	7	250	3.0	90%	М	Nil	Garden	Adj. structure	М	ZZ3
319	Cedrus deodara	12	10	500	6.0	80%	М	Nil	Grass	Nil	М	A1
320	Eriobotrya japonica	7	6	200	2.4	80%	M	Nil	Sealed surfaces	Adj. building	L	Z 3
321	Lophostemon confertus	14	14	600	7.2	90%	М	Nil	Grass	Nil	Н	A1
322	Cedrus deodara	10	10	500	6.0	80%	M	Nil	Grass	Adj. building	M	A1
323	Photinia glabra	6	6	250	3.0	70%	М	Co-dominant Dieback	Grass	Nil	L	Z 1
324	Photinia glabra	6	6	250	3.0	70%	М	Co-dominant Dieback	Grass	Nil	L	Z 1
325	Callistemon sp.	3	3	50	2.0	60%	S	Nil	Grass	Nil	L	Z 1
326	Ligustrum sp.	5	4	100	2.0	70%	S	Nil	Garden	Nil	L	ZZ3
327	Callistemon sp.	4	3	50	2.0	70%	S	Nil	Grass	Nil	L	Z 1
328	Pinus radiata	14	10	500	6.0	80%	М	Nil	Garden	Nil	M	Z10
329	Cupressus sp.	9	2	200	2.4	50%	0	Dieback	Garden	Nil	L	ZZ4
330	Cedrus deodara	16	14	600	7.2	80%	М	Nil	Grass	Adj. building	Н	A1
331	Jacaranda mimosifolia	9	6	200	2.4	60%	S	Co-dominant Dieback	Garden	Nil	L	Z 4
332	Melaleuca quinquenervia	12	12	600	7.2	80%	М	Co-dominant	Grass	Kerb	М	A1
333	Melaleuca quinquenervia	12	9	600	7.2	70%	М	Nil	Grass	Kerb	М	A1
334	Eucalyptus sideroxylon	16	9	400	4.8	80%	М	Nil	Garden	Adj. structure	М	A1

Page 27 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
335	Melaleuca quinquenervia	14	12	600	7.2	80%	М	Nil	Grass	Kerb	М	A1
336	Araucaria heterophylla	14	9	500	6.0	90%	М	Co-dominant	Grass	Nil	М	A1
337	Melaleuca quinquenervia	14	12	700	8.4	80%	М	Nil	Grass	Kerb	Н	A1
338	Jacaranda mimosifolia	10	10	400	4.8	80%	М	Co-dominant	Grass	Nil	М	A1
339	Castanospermum australe	10	9	450	5.4	80%	М	Nil	Garden	Nil	М	A1
340	Cinnamomum camphora	16	14	800	9.6	80%	М	Nil	Garden	Nil	Н	A1
341	Mangifera sp.	5	5	150	2.0	80%	М	Nil	Grass	Nil	L	Z 1
342	Ficus benjamina	8	9	300	3.6	90%	М	Nil	Grass	Nil	М	Z 3
343	Ficus microcarpa var. hillii	9	8	400	4.8	70%	М	Heavily pruned from shed	Garden	Adj. structure	М	Z2
344	Lagerstroemia indica	8	7	150	2.0	70%	М	Co-dominant	Grass	Nil	L	Z 10
345	Lagerstroemia indica	8	7	150	2.0	70%	М	Co-dominant	Grass	Nil	L	Z10
346	Melaleuca quinquenervia	16	12	700	8.4	80%	М	Nil	Grass	Kerb	Н	A1
347	Phoenix canariensis	7	4	500	6.0	80%	М	Nil	Garden	Adj. building	М	A1
348	Melaleuca quinquenervia	16	14	1000	12.0	90%	М	Nil	Grass	Kerb	Н	AA1
349	Melaleuca quinquenervia	7	8	400	4.8	70%	М	Epicormic growth Lopped	Grass	LV wires	М	Z 9
350	Gordonia axillaris	7	6	300	3.6	70%	М	Nil	Garden	Nil	M	A1
351	Gordonia axillaris	7	6	300	3.6	70%	М	Nil	Garden	Nil	M	A1
352	Ficus hillii	16	14	500	6.0	80%	M	Nil	Garden	Adj. building	М	A1
353	Pittosporum undulatum	9	5	250	3.0	70%	М	Sender habit	Garden	Adj. building	М	Z 10
354	Bauhinia sp.	10	8	350	4.2	70%	М	Nil	Garden	Nil	M	A1
355	Ligustrum sp.	12	10	400	4.8	90%	М	Nil	Garden	Nil	M	ZZ3
356	Melaleuca quinquenervia	8	10	800	9.6	60%	М	Epicormic growth Lopped	Grass	LV wires	М	Z 9
357	Cedrus deodara	14	12	600	7.2	70%	М	Nil	Garden	Nil	M	A1
358	Melia azedarach	14	14	600	7.2	80%	М	Nil	Garden	Adj. building	М	Z 3
359	Schefflera actiniphylla	8	7	500	6.0	70%	М	Nil	Garden	Adj. building	M	Z 3
360	Cinnamomum camphora	12	10	450	5.4	70%	М	Cavity	Gravel	Adj. structure	M	ZZ9
361	Liquidambar styraciflua	16	12	700	8.4	70%	М	Borer Cavity Hollow base Decay	Grass	Nil	Н	ZZ9
362	Jacaranda mimosifolia	10	8	300	3.6	70%	М	Poor form	Gravel	Nil	М	Z 9
363	Jacaranda mimosifolia	14	14	500	6.0	80%	М	Co-dominant	Gravel	Nil	М	A1
364	Jacaranda mimosifolia	14	12	600	7.2	70%	М	Nil	Garden	Nil	М	A1
365	Lagerstroemia indica	8	7	250	3.0	80%	M	Co-dominant	Garden	Adj. structure	L	Z10
366	Quercus robur	14	14	600	7.2	80%	М	Nil	Garden	Nil	Н	A 1
367	Grevillea robusta	20	14	700	8.4	50%	0	Dieback Failures	Garden	Nil	Н	ZZ4
368	Lagerstroemia indica	8	7	250	3.0	60%	М	Dieback	Garden	Nil	L	Z4

Page 28 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
369	Ligustrum sp.	12	8	300	3.6	80%	М	Nil	Garden	Nil	M	ZZ3
370	Ligustrum sp.	12	8	300	3.6	80%	M	Nil	Garden	Nil	M	ZZ3
371	Cupressus sp.	7	2	250	3.0	80%	М	Nil	Grass	Nil	L	Z10
372	Melaleuca armillaris	12	9	400	4.8	80%	М	Nil	Grass	LV wires	M	A 1
373	Callistemon sp.	5	3	250	3.0	50%	М	Epicormic growth Lopped	Grass	LV wires	L	ZZ5
374	Callistemon sp.	5	3	250	3.0	50%	М	Epicormic growth Lopped	Grass	LV wires	L	ZZ5
375	Callistemon sp.	5	3	250	3.0	50%	М	Epicormic growth Lopped	Grass	LV wires	L	ZZ5
376	Callistemon sp.	5	3	250	3.0	50%	М	Epicormic growth Lopped	Grass	LV wires	L	ZZ5
377	Callistemon sp.	5	3	250	3.0	50%	М	Epicormic growth Lopped	Grass	LV wires	L	ZZ5
378	Corymbia tessellaris	14	10	500	6.0	90%	M	Nil	Grass	Nil	M	A1
379	Jacaranda mimosifolia	9	6	150	2.0	60%	S	Epicormic growth Lopped	Garden	Nil	L	ZZ9
380	Photinia glabra	8	8	300	3.6	90%	М	Nil	Garden	Nil	M	A 1
381	Cupressus sp.	9	5	250	3.0	80%	М	Nil	Garden	Nil	L	Z10
382	Camellia sp.	5	5	150	2.0	90%	М	Nil	Garden	Nil	L	Z 1
383	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
384	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
385	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
386	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
387	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
388	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
389	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
390	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
391	Callistemon sp.	8	7	250	3.0	60%	М	Nil	Grass	Kerb	M	Z10
392	Cedrus deodara	16	14	700	8.4	80%	М	Nil	Grass	Nil	Н	A1
393	Mangnifera sp.	5	6	200	2.4	80%	М	Nil	Dripline disturbed	Nil	L	Z 6
394	Pittosporum undulatum	8	6	300	3.6	70%	М	Nil	Dripline disturbed	Nil	М	Z 6
395	Araucaria heterophylla	18	9	600	7.2	90%	М	Nil	Garden	Nil	M	A1
396	Melia azedarach	10	12	350	4.2	80%	M	Nil	Grass	Adj. structure	М	Z 3
397	Ligustrum sp.	10	8	350	4.2	60%	0	Dieback	Grass	Adj. structure	M	ZZ3
398	Ligustrum sp.	5	4	100	2.0	70%	S	Nil	Grass	Nil	L	ZZ3
399	Eucalyptus saligna	12	7	250	3.0	80%	S	Nil	Grass	Nil	M	A1
400	Melia azedarach	10	10	450	5.4	80%	M	Nil	Grass	Nil	M	Z 3
401	Melaleuca armillaris	6	4	100	2.0	70%	M	Nil	Grass	Nil	L	Z 1

Page 29 of 43



Accordance Acc	No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
404 Cinnamorum camphora 12 9 400 4.8 80% M Nil Garden Adj. building M Z2 405 Eucalyptus saligna 20 14 700 6.4 80% M Nil Garden Nil H AA1 A	402	Cupressus sp.	9	4	250	3.0	0%	0	Dieback	Grass	Nil	M	ZZ4
405 Eucalyptus saligna 20	403	Cupressus sp.	9	4	250	3.0	0%	0	Dieback	Grass	Nil	М	ZZ4
406 Syagrus romanzofianum 9 3 300 3.6 80% M NIII Garden NiI L 23 407 Archontophoonix alexandrae 8 3 200 2.4 80% M NIII Garden Adj. bullding L 273 409 Ligustrum sp. 7 7 200 2.4 70% M Co-dominant Garden Adj. bullding L 223 410 Arausara heterophylla 16 12 600 7.2 80% M NII Grass NII H A1 411 Syragrus romanzofinum 10 4 300 3.5 80% M NIII Garden NII L 21 412 Pitrosporum undulentum 5 5 150 2.0 80% M Included bark Garden NII L 221 413 Schefillera actinophylila 8 5 150 2.0 70%	404	Cinnamomum camphora	12	9	400	4.8	80%	М	Nil	Garden	Adj. building	M	Z2
407 Archonlophoenix alexandrae 8 3 200 2.4 80% M Nil Garden Adj. building L 210	405	Eucalyptus saligna	20	14	700	8.4	80%	М	Nil	Garden	Nil	Н	AA1
408 Ligustrum sp. 7 7 200 2.4 70% M Co-dominant Garden Adj. building L ZZ3 409 Ligustrum sp. 7 7 200 2.4 70% M Co-dominant Garden Adj. building L ZZ3 410 Araucaria heterophyla 16 12 600 7.2 80% M Nil Garden Adj. building L 23 411 Syagus romanzofianum 10 4 300 3.6 80% M Nil Garden Nil L 21 413 Eucalyptus bottyoides 12 10 450 5.4 80% M Included bark Garden Nil L 223 415 Syagus romanzofianum 9 3 300 3.6 80% M Nil Garden Nil L 223 416 Syagus romanzofianum 8 3 250 3.0 80%	406	Syagrus romanzofianum	9	3	300	3.6	80%	М	Nil	Garden	Nil	L	Z 3
409 Ligustrum sp. 7 7 200 2.4 70% M Co-dominant Garden Adj. building L 223 410 Araucaria heterophylla 16 12 600 7.2 80% M NII Grass NII H A1 411 Syagrus romanzolianum 10 4 300 3.6 80% M NII Garden Adj. building L 23 412 Pittosporum undulatum 5 5 150 2.0 80% S NII Garden NII L 21 413 Eucalyptus botryoides 12 10 450 5.4 80% M Included bank Garden NII L 22 414 Styagrus romanzolianum 8 5 150 2.0 70% M NII Garden NII L 23 415 Syagrus romanzolianum 8 3 250 3.0 80% M	407	Archontophoenix alexandrae	8	3	200	2.4	80%	М	Nil	Garden	Adj. building	L	Z10
Aracacinia heterophylia 16 12 600 7.2 80% M Nil Grass Nil H A1	408	Ligustrum sp.	7	7	200	2.4	70%	М	Co-dominant	Garden	Adj. building	L	ZZ3
411 Syagrus romanzofianum 10 4 300 3.6 80% M NiI Garden Adj. building L Z3 412 Pittosporum undulatum 5 5 150 2.0 80% S NiI Garden NiI L 21 413 Eucalyptus bottyoides 12 10 450 5.4 80% M Included bark Garden NiI L 223 414 Schefflera actinophylla 8 5 150 2.0 70% M NiI Garden NiI L 223 415 Syagrus romanzofianum 8 3 250 3.0 80% M NiI Garden NiI L 23 418 Schefflera actinophylla 9 3 300 3.6 80% M NiI Garden NiI L 23 419 Calistemon sp. 5 4 100 2.0 90% M <	409	Ligustrum sp.	7	7	200	2.4	70%	М	Co-dominant	Garden	Adj. building	L	ZZ3
Att Pittosporum undulatum 5 5 150 2.0 80% S Nill Garden Nill L Z1	410	Araucaria heterophylla	16	12	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
413 Eucalyptus botryoides 12 10 450 5.4 80% M Included bark Garden Nil M A2 414 Schefflera actinophylle 8 5 150 2.0 70% M Nil Garden Nil L Z23 415 Syagrus romanzofianum 9 3 300 3.6 80% M Nil Garden Nil L 23 416 Syagrus romanzofianum 8 3 250 3.0 80% M Nil Garden Nil L 23 417 Syagrus romanzofianum 9 3 300 3.6 80% M Nil Garden Nil L 23 418 Schefflera actinophylla 9 3 300 3.6 80% M Nil Garden Nil L 23 419 Callistemon sp. 5 4 100 2.0 80% M Nil	411	Syagrus romanzofianum	10	4	300	3.6	80%	M	Nil	Garden	Adj. building	L	Z 3
414 Schefflera actinophylla 8 5 150 2.0 70% M NiI Garden NiI L ZZ3 415 Syagrus romanzofianum 9 3 300 3.6 80% M NiI Garden NiI L Z3 416 Syagrus romanzofianum 9 3 300 3.6 80% M NiI Garden NiI L Z3 417 Syagrus romanzofianum 9 3 300 3.6 80% M NiI Garden NiI L Z3 418 Schefflera actinophylle 9 3 300 3.6 80% M NiI Garden Adj. building L Z3 419 Callistemon sp. 5 4 100 2.0 90% M NiI Garden Adj. building L Z1 420 Melaleuca amillaris 5 4 100 2.0 80% M Ni	412	Pittosporum undulatum	5	5	150	2.0	80%	S	Nil	Garden	Nil	L	Z 1
415 Syagrus romanzofianum 9 3 300 3.6 80% M Nil Garden Nil L Z3 416 Syagrus romanzofianum 8 3 250 3.0 80% M Nil Garden Nil L Z3 417 Syagrus romanzofianum 9 3 300 3.6 80% M Nil Garden Nil L Z3 418 Schefflera actinophylla 9 3 300 3.6 80% M Nil Garden Adj. building L Z3 419 Callistemon sp. 5 4 100 2.0 80% M Nil Garden Adj. building L Z1 420 Melaleuca armillaris 5 4 100 2.0 80% M Nil Garden Adj. building L Z1 421 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 423 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 425 Cinnamomum camphora 6 5 100 2.0 80% S Epicormic growth Garden Nil L Z24 426 Cedrus deodara 12 6 300 3.6 70% M Nil Grass Nil M A1 427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M A1 428 Cupressus sp. 9 7 200 2.4 50% O Co-dominant Failures Grass Adj. building M Z3 430 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 431 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 432 Pinus patula 14 12 500 6.0 80% M Co-dominant Garden Nil M A1 433 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Gorden Nil M A1 434 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Gorden Nil M A1 435 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Co-dominant Garden Nil L Z1 436 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Co-dominant Garden Nil L Z1 436 M	413	Eucalyptus botryoides	12	10	450	5.4	80%	М	Included bark	Garden	Nil	М	A2
Atlance	414	Schefflera actinophylla	8	5	150	2.0	70%	М	Nil	Garden	Nil	L	ZZ3
417 Syagrus romanzofianum 9 3 300 3.6 80% M Nil Garden Nil L Z3 418 Schefflera actinophylla 9 3 300 3.6 80% M Nil Garden Adj. building L Z3 419 Callistemon sp. 5 4 100 2.0 90% M Nil Garden Adj. building L Z1 420 Melaleuca amillaris 5 4 100 2.0 80% M Nil Garden Adj. building L Z1 421 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 424 Cupressus sp. 5 2 250 3.0 10% O	415	Syagrus romanzofianum	9	3	300	3.6	80%	М	Nil	Garden	Nil	L	Z 3
418 Schefflera actinophylla 9 3 300 3.6 80% M Nil Garden Adj. building L Z3 419 Callistemon sp. 5 4 100 2.0 90% M Nil Garden Adj. building L Z1 420 Melaleuca amillaris 5 4 100 2.0 80% M Nil Garden Adj. building L Z1 421 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 424 Cupressus sp. 5 2 250 3.0 10% O <td>416</td> <td>Syagrus romanzofianum</td> <td>8</td> <td>3</td> <td>250</td> <td>3.0</td> <td>80%</td> <td>М</td> <td>Nil</td> <td>Garden</td> <td>Nil</td> <td>L</td> <td>Z3</td>	416	Syagrus romanzofianum	8	3	250	3.0	80%	М	Nil	Garden	Nil	L	Z 3
419 Callistemon sp. 5 4 100 2.0 90% M Nil Garden Adj. building L Z1 420 Melaleuca armillaris 5 4 100 2.0 80% M Nil Garden Adj. building L Z1 421 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 423 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 425 Cinnamomum camphora 6 5 100 2.0 80% S </td <td>417</td> <td>Syagrus romanzofianum</td> <td>9</td> <td>3</td> <td>300</td> <td>3.6</td> <td>80%</td> <td>М</td> <td>Nil</td> <td>Garden</td> <td>Nil</td> <td>L</td> <td>Z3</td>	417	Syagrus romanzofianum	9	3	300	3.6	80%	М	Nil	Garden	Nil	L	Z 3
420 Melaleuca armillaris 5 4 100 2.0 80% M Nil Garden Adj. building L Z1 421 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 423 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L Z24 425 Cinnamomum camphora 6 5 100 2.0 80% S Epicormic growth Garden Nil L Z5 426 Cedrus deodara 12 6 300 3.6 70%	418	Schefflera actinophylla	9	3	300	3.6	80%	М	Nil	Garden	Adj. building	L	Z 3
421 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 423 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 425 Cinnamomum camphora 6 5 100 2.0 80% S Epicormic growth Garden Nil L Z5 426 Cedrus deodara 12 6 300 3.6 70% M </td <td>419</td> <td>Callistemon sp.</td> <td>5</td> <td>4</td> <td>100</td> <td>2.0</td> <td>90%</td> <td>М</td> <td>Nil</td> <td>Garden</td> <td>Adj. building</td> <td>L</td> <td>Z1</td>	419	Callistemon sp.	5	4	100	2.0	90%	М	Nil	Garden	Adj. building	L	Z 1
422 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 423 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 425 Cinnamomum camphora 6 5 100 2.0 80% S Epicormic growth Garden Nil L ZZ5 426 Cedrus deodara 12 6 300 3.6 70% M Nil Grass Nil M A1 427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M ZZ4 428 Cupressus sp. 9 7 200 2.4 50% O Co-domi	420	Melaleuca armillaris	5	4	100	2.0	80%	М	Nil	Garden	Adj. building	L	Z 1
423 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 425 Cinnamomum camphora 6 5 100 2.0 80% S Epicormic growth Garden Nil L ZZ5 426 Cedrus deodara 12 6 300 3.6 70% M Nil Grass Nil M A1 427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M A1 427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M ZZ4 428 Cupressus sp. 9 7 200 2.4 50% O Co-dominant Fai	421	Cupressus sp.	5	2	250	3.0	10%	0	Dieback Lopped	Garden	Nil	L	ZZ4
424 Cupressus sp. 5 2 250 3.0 10% O Dieback Lopped Garden Nil L ZZ4 425 Cinnamomum camphora 6 5 100 2.0 80% S Epicormic growth Garden Nil L 25 426 Cedrus deodara 12 6 300 3.6 70% M Nil Grass Nil M A1 427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M ZZ4 428 Cupressus sp. 9 7 200 2.4 50% O Co-dominant Failures Grass Adj. structure L ZZ4 429 Morus sp. 9 9 300 3.6 80% M Nil Grass Adj. building M Z3 430 Melaleuca linariifolia 7 5 300 3.6 80% M	422	Cupressus sp.	5	2	250	3.0	10%	0	Dieback Lopped	Garden	Nil	L	ZZ4
425 Cinnamomum camphora 6 5 100 2.0 80% S Epicormic growth Garden Nil L Z5 426 Cedrus deodara 12 6 300 3.6 70% M Nil Grass Nil M A1 427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M ZZ4 428 Cupressus sp. 9 7 200 2.4 50% O Co-dominant Failures Grass Adj. structure L ZZ4 429 Morus sp. 9 9 300 3.6 80% M Nil Grass Adj. building M Z3 430 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 431 Melaleuca linariifolia 7 5 300 3.6 80% M <	423	Cupressus sp.	5	2	250	3.0	10%	0	Dieback Lopped	Garden	Nil	L	ZZ4
426 Cedrus deodara 12 6 300 3.6 70% M Nil Grass Nil M A1 427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M ZZ4 428 Cupressus sp. 9 7 200 2.4 50% O Co-dominant Failures Grass Adj. structure L ZZ4 429 Morus sp. 9 9 300 3.6 80% M Nil Grass Adj. building M Z3 430 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 431 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 432 Pinus patula 14 12 500 6.0 80% M Nil	424	Cupressus sp.	5	2	250	3.0	10%	0	Dieback Lopped	Garden	Nil	L	ZZ4
427 Pinus radiata 12 10 600 7.2 0% O Dieback Grass Nil M ZZ4 428 Cupressus sp. 9 7 200 2.4 50% O Co-dominant Failures Grass Adj. structure L ZZ4 429 Morus sp. 9 9 300 3.6 80% M Nil Grass Adj. building M Z3 430 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 431 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 432 Pinus patula 14 12 500 6.0 80% M Nil Garden Nil M A1 433 Jacaranda mimosifolia 14 12 500 6.0 80% M Co-dom	425	Cinnamomum camphora	6	5	100	2.0	80%	S	Epicormic growth	Garden	Nil	L	Z 5
428 Cupressus sp. 9 7 200 2.4 50% O Co-dominant Failures Grass Adj. structure L ZZ4 429 Morus sp. 9 9 300 3.6 80% M Nil Grass Adj. building M Z3 430 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 431 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 432 Pinus patula 14 12 500 6.0 80% M Nil Garden Nil M A1 433 Jacaranda mimosifolia 14 12 500 6.0 80% M Co-dominant Garden Nil M A1 434 Melaleuca linariifolia 5 2 100 2.0 80% S	426	Cedrus deodara	12	6	300	3.6	70%	М	Nil	Grass	Nil	М	A1
429 Morus sp. 9 9 300 3.6 80% M Nil Grass Adj. building M Z3 430 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 431 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 432 Pinus patula 14 12 500 6.0 80% M Nil Garden Nil M A1 433 Jacaranda mimosifolia 14 12 500 6.0 80% M Co-dominant Garden Nil M A1 434 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Grass Nil L Z1	427	Pinus radiata	12	10	600	7.2	0%	0	Dieback	Grass	Nil	M	ZZ4
430 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 431 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 432 Pinus patula 14 12 500 6.0 80% M Nil Garden Nil M A1 433 Jacaranda mimosifolia 14 12 500 6.0 80% M Co-dominant Garden Nil M A1 434 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Grass Nil L Z1	428	Cupressus sp.	9	7	200	2.4	50%	0	Co-dominant Failures	Grass	Adj. structure	L	ZZ4
431 Melaleuca linariifolia 7 5 300 3.6 80% M Nil Garden Nil M A1 432 Pinus patula 14 12 500 6.0 80% M Nil Garden Nil M A1 433 Jacaranda mimosifolia 14 12 500 6.0 80% M Co-dominant Garden Nil M A1 434 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Grass Nil L Z1	429	Morus sp.	9	9	300	3.6	80%	М	Nil	Grass	Adj. building	М	Z 3
432 Pinus patula 14 12 500 6.0 80% M Nil Garden Nil M A1 433 Jacaranda mimosifolia 14 12 500 6.0 80% M Co-dominant Garden Nil M A1 434 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Grass Nil L Z1	430	Melaleuca linariifolia	7	5	300	3.6	80%	М	Nil	Garden	Nil	М	A1
433 Jacaranda mimosifolia 14 12 500 6.0 80% M Co-dominant Garden Nil M A1 434 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Grass Nil L Z1	431	Melaleuca linariifolia	7	5	300	3.6	80%	М	Nil	Garden	Nil	М	A1
434 Melaleuca linariifolia 5 2 100 2.0 80% S Nil Grass Nil L Z1	432	Pinus patula	14	12	500	6.0	80%	М	Nil	Garden	Nil	М	A1
	433	Jacaranda mimosifolia	14	12	500	6.0	80%	М	Co-dominant	Garden	Nil	М	A1
435 <i>Melaleuca linariifolia</i> 5 2 100 2.0 80% S Nil Grass Nil L Z1	434	Melaleuca linariifolia	5	2	100	2.0	80%	S	Nil	Grass	Nil	L	Z 1
	435	Melaleuca linariifolia	5	2	100	2.0	80%	S	Nil	Grass	Nil	L	Z 1

Page 30 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
436	Callistemon sp.	7	6	250	3.0	80%	M	Nil	Garden	Nil	M	A1
437	Lagerstroemia indica	8	7	200	2.4	80%	M	Nil	Garden	Nil	M	A1
438	Magnolia x soulangeana	6	4	100	2.0	80%	М	Nil	Garden	Nil	L	Z 1
439	Callistemon sp.	6	5	200	2.4	80%	M	Nil	Garden	Nil	L	Z 1
440	Albizia sp.	6	6	250	3.0	70%	М	Borer Failures Lopped	Garden	Adj. structure	L	Z4
441	Callistemon sp.	6	6	250	3.0	80%	М	Nil	Garden	Nil	M	A1
442	Stenocarpus sinuatus	9	6	300	3.6	90%	М	Co-dominant	Garden	Nil	M	A1
443	Leptospermum petersonii	5	6	200	2.4	70%	0	Co-dominant Failures	Garden	Nil	L	Z 1
444	Syagrus romanzofianum	8	3	300	3.6	80%	М	Nil	Garden	Nil	L	Z 3
445	Jacaranda mimosifolia	10	9	450	5.4	70%	М	Heavily pruned	Garden	Nil	M	Z 9
446	Cinnamomum camphora	16	16	700	8.4	80%	М	Nil	Garden	Adj. structure	Н	A1
447	Jacaranda mimosifolia	9	9	300	3.6	70%	М	Nil	Garden	Nil	M	Z10
448	Jacaranda mimosifolia	9	9	300	3.6	70%	М	Supressed canopy	Garden	Nil	M	Z 10
449	Syagrus romanzofianum	9	3	250	3.0	80%	М	Nil	Grass	Nil	L	Z 3
450	Callistemon sp.	8	6	250	3.0	60%	0	Dieback	Grass	Nil	M	ZZ4
451	Callistemon sp.	8	7	300	3.6	70%	М	Nil	Grass	Nil	M	A1
452	Callistemon sp.	8	7	300	3.6	70%	М	Nil	Grass	Nil	М	A1
453	Callistemon sp.	8	7	300	3.6	70%	М	Nil	Grass	Nil	M	A1
454	Callistemon sp.	8	7	300	3.6	70%	М	Nil	Grass	Nil	M	A1
455	Cedrus deodara	14	12	500	6.0	80%	М	Nil	Grass	Nil	Н	A1
456	Cinnamomum camphora	9	9	300	3.6	80%	М	Nil	Grass	Adj. structure	М	Z 10
457	Melia azedarach	7	7	250	3.0	80%	М	Nil	Grass	Nil	М	Z3
458	Eucalyptus saligna	16	14	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
459	Jacaranda mimosifolia	14	14	600	7.2	80%	М	Co-dominant	Grass	Nil	М	A1
460	Jacaranda mimosifolia	14	10	400	4.8	80%	М	Nil	Grass	Nil	М	A1
461	Angophora costata	12	9	350	4.2	70%	М	Nil	Garden	Nil	М	A1
462	Ulmus parvifolia	12	12	400	4.8	70%	М	Co-dominant	Garden	Nil	М	A1
463	Jacaranda mimosifolia	12	12	450	5.4	80%	М	Nil	Dripline disturbed	Nil	М	A 1
464	Cinnamomum camphora	18	18	900	10.8	70%	М	Significant dieback	Garden	Nil	Н	Z4
465	Cupressus sp.	9	6	250	3.0	60%	0	Dieback Failures	Garden	Adj. structure	M	Z4
466	Cupressus sp.	9	6	250	3.0	60%	0	Dieback Failures	Garden	Adj. structure	М	Z4
467	Cupressus sp.	9	6	250	3.0	60%	0	Dieback Failures	Garden	Adj. structure	М	Z4
468	Jacaranda mimosifolia	8	8	350	4.2	80%	М	Nil	Grass	Nil	M	Z 12

Page 31 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
469	Syagrus romanzoffiana	9	3	300	3.6	70%	М	Nil	Grass	Adj. building	L	Z 3
470	Jacaranda mimosifolia	10	9	400	4.8	80%	М	Nil	Grass	Adj. building	M	A1
471	Pinus radiata	14	9	600	7.2	70%	М	Heavily pruned near wires	Grass	LV wires	M	Z 10
472	Jacaranda mimosifolia	10	10	400	4.8	80%	М	Co-dominant	Grass	Nil	M	A1
473	Jacaranda mimosifolia	10	10	400	4.8	80%	M	Co-dominant Co-dominant	Grass	Nil	M	A1
474	Jacaranda mimosifolia	7	6	300	3.6	70%	M	Nil	Grass	Nil	L	Z 1
475	Araucaria heterophylla	18	9	600	7.2	90%	M	Nil	Garden	Nil	Н	A1
476	Eucalyptus piperita	18	18	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
477	Cupressus sp.	6	2	150	2.0	90%	S	Nil	Grass	Nil	L	Z 1
478	Cinnamomum camphora	16	16	700	8.4	80%	М	Nil	Grass	Nil	Н	A1
479	Eucalyptus tessellates	18	16	1100	13.2	90%	М	Nil	Grass	Adj. driveway	Н	AA1
480	Cedrus deodara	14	10	600	7.2	90%	М	Nil	Grass	Nil	Н	A1
481	Chamaecyparis sp.	8	5	300	3.6	80%	М	Nil	Garden	Adj. building	M	Z 1
482	Jacaranda mimosifolia	14	16	700	8.4	90%	М	Nil	Grass	Nil	Н	A1
483	Callistemon sp.	6	4	250	3.0	70%	М	Nil	Grass	Nil	L	Z 1
484	Castanospermum australe	4	4	300	3.6	50%	М	Epicormic growth Lopped	Grass	LV wires	L	ZZ9
485	Liquidambar styraciflua	18	14	800	9.6	90%	М	Nil	Grass	Nil	Н	A1
486	Lagerstroemia indica	6	3	100	2.0	60%	М	Epicormic growth Lopped	Grass	Nil	L	ZZ9
487	Lagerstroemia indica	6	3	100	2.0	60%	М	Epicormic growth Lopped	Grass	Nil	L	ZZ9
488	Plumeria sp.	5	6	250	3.0	80%	М	Nil	Garden	Adj. building	L	Z 1
489	Liquidambar styraciflua	18	14	700	8.4	70%	М	Failure of major bough Included barking	Grass	Nil	Н	Z 9
490	Jacaranda mimosifolia	8	7	300	3.6	60%	М	Cambium damage	Grass	Nil	L	Z 1
491	Jacaranda mimosifolia	6	5	250	3.0	70%	S	Nil	Grass	Nil	L	Z 1
492	Agonis flexuosa	7	6	350	4.2	70%	М	Co-dominant Failures	Grass	Nil	M	Z 1
493	Lagerstroemia indica	6	5	150	2.0	70%	М	Epicormic growth	Grass	Nil	L	Z 9
494	Lagerstroemia indica	6	5	150	2.0	70%	М	Epicormic growth	Grass	Nil	L	Z 9
495	Syagrus romanzoffiana	9	3	250	3.0	80%	М	Nil	Grass	Nil	L	Z 3
496	Archontophoenix alexandrae	8	3	150	2.0	80%	М	Thirteen similar palms clumped	Garden	Nil	L	Z 1
497	Jacaranda mimosifolia	16	14	600	7.2	80%	М	Nil	Grass	Nil	Н	A1
498	Cinnamomum camphora	14	10	400	4.8	80%	М	Nil	Grass	Nil	Н	A1
499	Castanospermum australe	7	6	300	3.6	60%	М	Dieback	Grass	Nil	M	Z4
500	Prunus sp.	4	3	200	2.4	50%	0	Dieback Epicormic growth Lopped	Grass	Nil	L	ZZ4
501	Jacaranda mimosifolia	8	7	300	3.6	70%	М	Nil	Grass	Nil	M	Z12
502	Jacaranda mimosifolia	9	9	450	5.4	80%	M	Nil	Grass	Nil	M	A1

Page 32 of 43



No.	Genus species	Height	Spread	DBH	TPZ	Foliage %	Age class	Defects/Comment	Location	Services	Significance	Tree AZ
503	Stenocarpus sinuatus	10	7	400	4.8	80%	M	Co-dominant	Grass	Nil	M	A1
504	Lagerstroemia indica	6	6	100	2.0	70%	М	Co-dominant Co-dominant	Grass	Nil	L	Z 1
505	Ligustrum sp.	6	5	100	2.0	80%	S	Nil	Garden	Nil	L	ZZ3
506	Syzygium paniculata	16	14	700	8.4	90%	М	Nil	Garden	Nil	Н	AA1
507	Lagerstroemia indica	7	6	150	2.0	80%	М	Nil	Grass	Nil	L	Z 1
508	Banksia integrifolia	6	4	250	3.0	80%	М	Nil	Garden	Nil	L	Z 1
509	Banksia integrifolia	5	3	100	2.0	80%	S	Nil	Garden	Nil	L	Z 1
510	Cupressus sp.	9	5	300	3.6	90%	М	Nil	Grass	Nil	М	Z12
511	Ligustrum sp.	10	8	300	3.6	70%	М	Failures	Garden	Nil	М	ZZ3
512	Melaleuca armillaris	8	8	350	4.2	80%	М	Nil	Grass	Nil	М	A1
513	Ficus benjamina	8	7	250	3.0	80%	M	Co-dominant	Garden	Nil	M	Z 3
514	Cinnamomum camphora	10	6	350	4.2	70%	М	Nil	Garden	Nil	M	Z12
515	Eucalyptus sp.	9	7	400	4.8	70%	М	Root heave on south side	Grass	Nil	M	ZZ5
516	Cinnamomum camphora	10	7	300	3.6	70%	М	Co-dominant Co-dominant	Garden	Nil	М	Z12
517	Jacaranda mimosifolia	7	4	150	2.0	70%	S	Nil	Garden	Nil	L	Z 1
518	Livistona australis	12	4	300	3.6	100%	М	Nil	Garden	Nil	М	A1
519	Cupressus sp.	8	6	300	3.6	80%	М	Nil	Garden	Nil	M	Z12



Explanatory Notes

- **Measurements/estimates:** All dimensions are estimates unless otherwise indicated. Measurements taken with a tape or clinometer are indicated with a '*'. Less reliable estimated dimensions are indicated with a '?'.
- **Species:** The species identification is based on visual observations and the botanical name. In some instances, it may be difficult to quickly and accurately identify a particular tree without further detailed investigations. Where there is some doubt of the precise species of tree, it is indicated with a '?' after the name in order to avoid delay in the production of the report. The botanical name is followed by the abbreviation sp if only the genus is known. The species listed for groups and hedges represent the <u>main</u> component and there may be other minor species not listed.
- Tree number: relates to the reference number used on site diagram/report.
- Height: Height is estimated to the nearest metre.
- **Spread:** The average crown spread is visually estimated to the nearest metre from the outermost tips of the live lateral branches.
- **DBH:** These figures relate to 1.4m above ground level and are recorded in millimetres. If appropriate, diameter is measured with a diameter tape. 'M' indicates trees or shrubs with multiple stems.
- Foliage Cover: Percent of estimated live foliage cover for particular species range.
- Age class:
- Y Young = recently planted
- S Semi-mature (<20% of life expectancy)
- M Mature (20-80% of life expectancy)
- O Over-mature (>80% of life expectancy)
- **TPZ**: The Tree Protection Zone (TPZ) is the radial offset distance of twelve times the trunk diameter in meters.
- Tree AZ: See reference for Tree AZ categories in Appendix 3.
- **Significance:** A tree's significance/value in the landscape takes into account its prominence from a wide range of perspectives. This includes, but is not limited to neighbour hood perspective, local perspective and site perspective. The significance of the subject trees has been categorized into three groups, such as: High, Moderate or Low significance.



APPENDIX 3

TreeAZ Categories (Version 9.02 A+NZ)

Z Category Z: Unimportant trees not worthy of being a material constraint

Local policy exemptions: Trees that are unsuitable for legal protection for local policy reasons including size, proximity and species

Z1	Young or insignificant small trees, i.e. below the local size threshold for legal protection, etc
Z2	Too close to a building, i.e. exempt from legal protection because of proximity, etc
Z3	Species that cannot be protected for other reasons, i.e. scheduled noxious weeds, out of
	character in a setting of acknowledged importance, etc

High risk of death or failure: Trees that are likely to be removed within 10 years because of acute health issues or severe structural failure

Z4	Dead, dying, diseased or declining
Z 5	Severe damage and/or structural defects where a high risk of failure cannot be satisfactorily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, overgrown and vulnerable to adverse weather conditions, etc
Z6	Instability, i.e. poor anchorage, increased exposure, etc

Excessive nuisance: Trees that are likely to be removed within 10 years because of unacceptable impact on people

Excessive, severe and intolerable inconvenience to the extent that a locally recognised court or tribunal would be likely to authorise removal, i.e. dominance, debris, interference, etc

Excessive, severe and intolerable damage to property to the extent that a locally recognised court or tribunal would be likely to authorise removal, i.e. severe structural damage to surfacing and buildings, etc

Good management: Trees that are likely to be removed within 10 years through responsible management of the tree population

- **Z9** Severe damage and/or structural defects where a high risk of failure can be temporarily reduced by reasonable remedial care, i.e. cavities, decay, included bark, wounds, excessive imbalance, vulnerable to adverse weather conditions, etc
- Poor condition or location with a low potential for recovery or improvement, i.e. dominated by adjacent trees or buildings, poor architectural framework, etc
- **Z11** Removal would benefit better adjacent trees, i.e. relieve physical interference, suppression, etc
- Z12 Unacceptably expensive to retain, i.e. severe defects requiring excessive levels of maintenance, etc

NOTE: Z trees with a high risk of death/failure (Z4, Z5 & Z6) or causing severe inconvenience (Z7 & Z8) at the time of assessment and need an urgent risk assessment can be designated as ZZ. ZZ trees are likely to be unsuitable for retention and at the bottom of the categorisation hierarchy. In contrast, although Z trees are not worthy of influencing new designs, urgent removal is not essential and they could be retained in the short term, if appropriate.

Category A: Important trees suitable for retention for more than 10 years and worthy of being a material constraint

A1	No significant defects and could be retained with minimal remedial care
A2	Minor defects that could be addressed by remedial care and/or work to adjacent trees
А3	Special significance for historical, cultural, commemorative or rarity reasons that would warrant extraordinary efforts to retain for more than 10 years
A4	Trees that may be worthy of legal protection for ecological reasons (Advisory requiring specialist assessment)

NOTE: Category A1 trees that are already large and exceptional, or have the potential to become so with minimal maintenance, can be designated as AA at the discretion of the assessor. Although all A and AA trees are sufficiently important to be material constraints, AA trees are at the top of the categorisation hierarchy and should be given the most weight in any selection process.

TreeAZ is designed by Barrell Tree Consultancy (www.treeaz.com/tree_az/)

APPENDIX 4

Tree protection fencing and signs - Illustrative specification

Protective fencing: Protective 1.8m high fencing should be installed at the location illustrated on the Tree Management Plan before any site works start. All uprights should be fixed in position for the duration of the development activity. The fixings must be able to withstand the pressures of everyday site work.

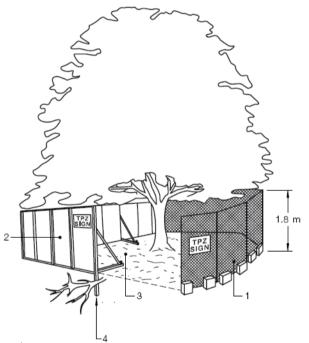
Inside the protective fencing, the following rules must be strictly observed:

- No vehicular access
- No storage of excavated debris, building materials or fuels
- No excessive cultivation for landscape planting
- No fires
- · No mixing of cement
- No service installation or excavation

Once erected, protective fencing must not be removed or altered without consulting first with the project Arborist.

Shade cloth or similar should be attached to reduce the transport of dust, other particulate matter and liquids into the protected area and signage must be attached to outside of fencing.

Signage: All signs are to provide clear and readily accessible information to indicate that a TPZ has been established. Signage identifying the TPZ must be attached to outside of fencing and be visible from within the development site.



Signage example:



Legend

- 1. Chain wire mesh panels with shade cloth (if required) attached, held in place with concrete feet.
- 2. Alternative plywood or wooden paling fence panels. This fencing material also prevents building materials or soil entering the TPZ.
- 3. Mulch installation across surface of TPZ (at the discretion of the project arborist). No excavation, construction activity, grade changes, surface treatment or storage of materials of any kind is permitted within the TPZ.
- 4. Bracing is permissible within the TPZ. Installation of supports should avoid damaging roots.

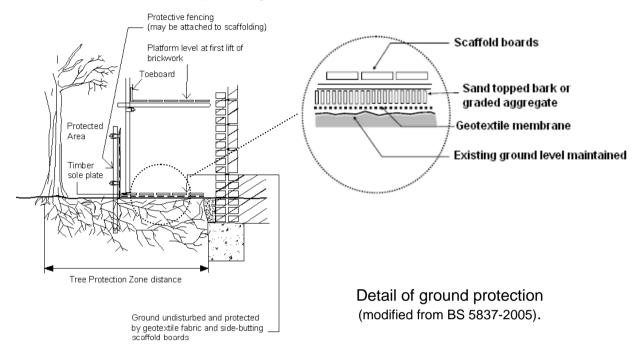
(Naturally Trees- reproduced under copyright Licence number 1009-c095)

Page 36 of 43

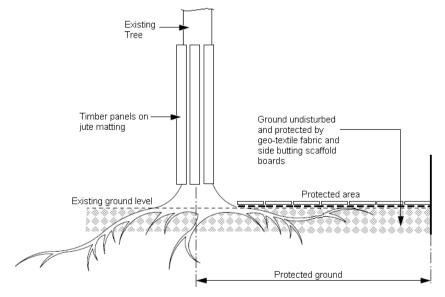


Root zone and trunk protection - Illustrative specification

Root zone protection: Where necessary, access through the TPZ can be achieved by laying aggregate and timber boards (or similar) over the root zone to protect roots. The ground beneath the boarding should be left undisturbed and should be protected with a porous geo-textile fabric covered with sand or mulch.



Trunk protection: Where fencing cannot be installed, the vertical trunk of exposed trees shall be protected by the placement of 3.6m lengths of 50 x 100mm hardwood timbers, spaced vertically, at 150mm centres and secured by 2mm wire at 300mm wide spacing over suitable protective padding material e.g. Jute Matting. The trunk protection shall be maintained intact until the completion of all work on site.



Detail of trunk protection.



Page 37 of 43

General guidance for working in TPZ

1 PURPOSE OF THIS GUIDANCE

This guidance sets out the general principles that must be followed when working within a TPZ. Where more detail is required, it will be supplemented by illustrative specifications in other appendices in this document (refer Appendix 4 and 5).

This guidance is based on the Australian Standards (2009) AS4970: Protection of Trees on Construction Sites.

Once the site works start, this guidance is specifically for the site personnel to help them understand what has been agreed and explain what is required to fully meet their obligations to protect trees. All personnel working in TPZs must be properly briefed about their responsibilities towards important trees based on this guidance.

This guidance should always be read in conjunction with the Tree Management Plan (TMP01) illustrating the areas where specific precautions are necessary. Each area where precautions are required is explained on the plan as identified on the legend. All protective measures should be installed according to the prevailing site conditions and agreed as satisfactory by the Project Arborist before any demolition or construction work starts.

2 TREE PROTECTION

2.1 Tree Protection Zone (TPZ)

The TPZ is a radial setback, extending outwards from the centre of the trunk, where disturbance must be minimised if important trees are to be successfully retained. The TPZ area is illustrated on the Tree Management Plan (TMP01) accompanying this guidance.

- The TPZ is a radial setback extending outwards from the centre of the trunk equal to the DBH x
 12
- This area shall be protected by tree protective fencing (refer Appendix 4).
- Any part of the TPZ outside of the tree protective fencing area must be isolated from the work operations by protective barriers and/or root zone protection for the duration of the work (refer Appendix 5).
- The Project Arborist shall approve the extent of the TPZ prior to commencement of works.
- The TPZ shall be mulched to a depth of 90mm with approved organic mulch e.g. leaf and wood chip where possible.
- Supplementary watering shall be provided in dry periods to reduce water or construction stress, particularly to those trees which may incur minor root disturbance.

The following activities shall be excluded within the TPZ:

- Excavation, compaction or disturbance of the existing soil.
- The movement or storage of materials, waste or fill.
- Soil level changes
- Disposal/runoff of waste materials and chemicals including paint, solvents, cement slurry, fuel, oil
 and other toxic liquids
- Movement or storage of plant, machinery, equipment or vehicles.
- Any activity likely to damage the trunk, crown or root system.

2.2 Arboricultural supervision

Any work within TPZs requires a high level of care. Qualified arboricultural supervision is essential to minimise the risk of misunderstanding and misinterpretation. Site personnel must be properly briefed before any work starts. Ongoing work must be inspected regularly and, on completion, the work must be signed off by the Project Arborist to confirm compliance by the contractor.

2.3 Tree protection fencing, root zone and trunk protection

Prior to site establishment, tree protection fencing and root zone and trunk protection shall be installed to establish the TPZ for trees to be retained in accordance with site conditions. These protective barriers shall be maintained entire for the duration of the construction program (refer Appendix 4 and 5).

Tree protection fencing and trunk and root zone protection shall be removed following completion of construction. The mulch layer in the TPZ shall be retained and replenished where required to maintain a 75mm thickness

2.4 Pruning

All pruning work required (including root pruning) should be in accordance with Australian Standard No 4373-1996 - Pruning of Amenity Trees.

2.5 Tree Damage

In the event of damage to a tree or the TPZ, the Project Arborist shall be engaged to inspect and provide advice on remedial action. This should be implemented as soon as practicable and certified by the Project Arborist.

2.6 Post construction maintenance

In the event of any tree deteriorating in health after the construction period, the Project Arborist shall be engaged to provide advice on any remedial action. Remedial action shall be implemented as soon as practicable and certified by the Project Arborist.

3 EXCAVATION AND FILL IN TPZ

3.1 Excavation within TPZ

If excavation within the TPZ is required the following shall be applied to preserve tree root systems:

- Excavation within TPZ must be carried out under the instruction and supervision of the Project Arborist.
- A root mapping exercise is to be undertaken and certified by the Project Arborist. Root mapping shall be undertaken by either ground penetrating radar, air spade, water laser or by hand excavation using hand tools, taking care not to damage the bark and wood of any roots.
- The purpose of the root mapping shall be to locate woody structural roots greater than 40mm in diameter. Where possible, flexible clumps of smaller roots, including fibrous roots, should be retained if they can be displaced temporarily or permanently beyond the excavation without damage.
- If digging by hand, a fork shall be used to loosen the soil and help locate any substantial roots.
- Once roots have been located, the trowel shall be used to clear the soil away from them without damaging the bark.
- Exposed roots to be removed shall be cut cleanly with a sharp saw or secateurs.
- Roots temporarily exposed shall be protected from direct sunlight, drying out and extremes of temperature by appropriate covering.

3.2 Fill within TPZ

Placement of fill material within the Tree Protection Zone of trees to be retained should be avoided where possible. However, where fill cannot be avoided:

- All fill material to be placed within the TPZ should be approved by Project Arborist and consist of a course, gap-graded material to provide aeration and percolation to the root zone. Materials containing a high percentage of 'fines' is unacceptable for this purpose.
- The fill material should be consolidated with a non-vibrating roller to minimise compaction of the underlying soil.
- No fill material should be placed in direct contact with the trunk.



4 DEMOLITION OF SURFACING/STRUCTURES IN TPZ

4.1 Definitions of surfacing and structures

For the purposes of this guidance, the following broad definitions apply:

- **Surfacing:** Any hard surfacing used as a vehicular road, parking or pedestrian path including tarmac, solid stone, crushed stone, compacted aggregate, concrete and timber decking.
- **Structures:** Any man-made structure above or below ground including service pipes, walls, gate piers, buildings and foundations. Typically, this would include drainage structures, services, car-ports, bin stores and concrete slabs that support buildings.

4.2 Demolition and access

Roots frequently grow adjacent to and beneath existing surfacing/structures so great care is needed during access and demolition. Damage can occur through physical disturbance of roots and/or the compaction of soil around them from the weight of machinery or repeated pedestrian passage. This is not generally a problem whilst surfacing/structures are in place because they spread the load on the soil beneath and further protective measures are not normally necessary. However, once they are removed and the soil below is newly exposed, damage to roots becomes an issue and the following guidance must be implemented:

- No vehicular or repeated pedestrian access into TPZ permitted unless on existing hard surfacing or root zone protection.
- Regular vehicular and pedestrian access routes must be protected from compaction with temporary root zone protection as set out in Appendix 5.
- Where a TPZ is exposed by the work, it must be protected as set out in AS4970 until there is no risk of damage from the development activity.

4.3 Removal of surfacing/structures

Removing existing surfacing/structures is a high-risk activity for any adjacent roots and the following quidance must be observed:

- Appropriate tools for manually removing debris may include a pneumatic breaker, crow bar, sledgehammer, pick, mattock, shovel, spade, trowel, fork and wheelbarrow.
- Machines with a long reach may be used if they can work from outside the TPZ or from protected areas within the TPZ.
- Debris to be removed from the TPZ manually must be moved across existing hard surfacing or temporary root zone protection in a way that prevents compaction of soil. Alternatively, it can be lifted out by machines provided this does not disturb the TPZ.
- Great care must be taken throughout these operations not to damage roots.

5 INSTALLATION OF SURFACING/STRUCTURES IN TPZ

- **5.1 Basic principles:** New surfacing/structures in a TPZ are potentially damaging to trees because they may disturb the soil and disrupt the existing exchange of water and gases in and out of it. Adverse impact on trees can be reduced by minimising the extent of these changes within the TPZ.
 - Surfacing: Suitable surfacing should be relatively permeable to allow water and gas movement, load spreading to avoid localised compaction and require little or no excavation to limit direct damage. The actual specification of the surfacing is an engineering issue that needs to be considered in the context of the bearing capacity of the soil, the intended loading and the frequency of loading. The detail of product and specification are beyond the scope of this guidance and must be provided separately by the appropriate specialist.
 - Structures: Where possible structures are to be constructed above ground level on piled supports and redirecting water to where it is needed. The detailed design and specification of such structures is an engineering issue that should be informed and guided by the Project Arborist. Conventional strip foundations in the TPZ for any significant structure may cause excessive root loss and are unlikely to be acceptable. However, disturbance can be significantly reduced by supporting the above ground part of the structures on small diameter piles/piers or

Page 40 of 43



cast floor slabs set above ground level. The design should be sufficiently flexible to allow the piles to be moved if significant roots are encountered in the preferred locations.

5.2 Establishing the depth of roots

The precise location and depth of roots within the soil is unpredictable and will only be known when careful digging starts on site. Ideally, all new surfacing within a TPZ should be no-dig, i.e. requiring no excavation whatsoever, but this is rarely possible on undulating surfaces.

New surfacing normally requires an evenly graded sub-base layer, which can be made up to any high points with granular, permeable fills such as crushed stone or sharp sand. This sub-base must not be compacted as would happen in conventional surface installation. Some limited excavation is usually necessary to achieve this and need not be damaging to trees if carried out carefully and large roots are not cut.

Tree roots and grass roots rarely occupy the same soil volume at the top of the soil profile, so the removal of a turf layer up to 50mm is unlikely to be damaging to trees. It may be possible to dig to a greater depth depending on local conditions but this would need to be assessed by the Project Arborist.

6 SERVICES IN TPZ

For the purposes of this guidance, services are considered as structures. Excavation to upgrade existing services or to install new services within a TPZ may damage retained trees and should only be chosen as a last resort. In the event that excavation emerges as the preferred option, the decision should be reviewed by the Project Arborist before any work is carried out. If excavation is agreed, all digging should be done carefully and follow the guidance set out in 3.1 above.

7 SOFT LANDSCAPING IN TPZ

For the purposes of this guidance, soft landscaping includes the re-profiling of existing soil levels and covering the soil surface with new plants or an organic covering (mulch). It does not include the installation of solid structures or compacted surfacing.

Soft landscaping activity after construction can be extremely damaging to trees.

No significant excavation or cultivation shall occur within the TPZ (e.g. planting holes). Where new designs require levels to be increased to tie in with new structures or surrounding ground level, good quality and relatively permeable top soil should be used for the fill. It should be firmed into place but not over compacted in preparation for turfing or careful shrub planting.

All areas close to tree trunks should be kept at the original ground level and have a mulched finish rather than grass to reduce the risk of mowing damage.



Schedule of works and responsibilities

Hold Point	Task	Responsibility	Certification	Timing of Inspection
1	Indicate clearly (with spray paint) trees approved for removal only	Principal Contractor	Project Arborist	Prior to demolition and site establishment
2	Establishment of tree protection fencing and additional root, trunk and/or branch protection	Principal Contractor	Project Arborist	Prior to demolition and site establishment
3	Supervise all excavations works proposed within the TPZ	Principal Contractor	Project Arborist	As required prior to the works proceeding adjacent to the tree
4	Inspection of trees by Project Arborist	Principal Contractor	Project Arborist	Monthly during construction period
5	Final inspection of trees by Project Arborist	Principal Contractor	Project Arborist	Prior to the issue of Occupation Certificate



Tree management plan

-refer attached Tree Management Plan, Dwg No. TMP01, by Naturally Trees dated 18 June 2021

