

ARBORIST REPORT



Site Address	126 Greville St Chatswood
Report Prepared By	Australian Tree Consultants
Arborist	Hugh Taylor, Julia Sullivan
Date	11 th May 2010





AUSTRALIAN TREE CONSULTANTS Pty Ltd

ABN 38 104 636 535

P.O. Box 276 Parramatta NSW 2124

Tel: 1300 737674

Mobiles: 0418 474796

0417 874796

E-mail: hugh@australiantreeconsultants.com.au

www.australiantreeconsultants.com.au

Barana Group
Suite 1, Level 4
88 Phillip St
Sydney
NSW 2000

Re – Arboricultural Statement 126 Greville St Chatswood.

I refer to your request to undertake a review of our reports tabled in 2007. It is our understanding that the plans are now finalised to go the Council.

Australian Tree Consultants Pty Ltd undertook the site inspection and review of trees located on the property on the 10th May 2010. A walk around of the site was undertaken to ascertain the current condition of the trees and vegetation on site.

The site has been well maintained for the past years with no changes required within ATC original reports.

If you require any further information in relation to this letter, please do not hesitate to contact myself at your earliest convenience on 0418 474796.

Yours sincerely

Hugh Taylor - Consultant

BA (L) Major in Wilderness Management / Outdoor Education

Diploma Horticulture – Arboriculture

Arborist/ Tree Surgeon/ Horticulturist

Vice President National Arborist Association of Australia

Executive Board Member International Society of Arboriculture Australian Chapter.



ARBORIST REPORT



Site Address 126 Greville St Chatswood

Report Prepared By Australian Tree Consultants

Arborist Hugh Taylor, Julia Sullivan

Date 15th May 2007





To: Barana Group
Suite 1, Level 4
88 Phillip St
Sydney
NSW 2000

Date: 15th May 2007

Re – Arboricultural survey at 126 Greville St Chatswood.

I refer to your request to undertake an assessment of trees on site at 126 Greville St Chatswood.

Australian Tree Consultants Pty Ltd undertook the site inspection and tree assessment on the 12th – 27th October 2005, 19th December 2006 and on the 21st April 2007. A Visual Tree Inspection was conducted at ground level to ascertain the current condition of the trees and vegetation on site and the suitability for their retention within a proposed redevelopment of the site.

Our findings are included in the following pages of this document. During the inspections updates of the tree survey have been undertaken as weed species have been removed. For more details please see appendixes and the accompanying 2no. 1:200 scale tree location survey drawings.

If you require any further information in relation to this report, please do not hesitate to contact myself at your earliest convenience on 0418 474796.

Yours sincerely

Hugh Taylor - Consultant

BA (Leisure) Major in Wilderness Management / Outdoor Education
Diploma Horticulture – Arboriculture
Arborist/ Tree Surgeon/ Horticulturist
Vice President National Arborist Association of Australia
Executive Board Member International Society of Arboriculture Australian Chapter.



TABLE OF CONTENTS:

EXECUTIVE SUMMARY	4
SITE LOCATION	4
BRIEF & INSPECTION METHODOLOGY	5
SITE ASSESSMENT /OBSERVATIONS	7
CONCULSIONS	10
RECOMMENDATIONS	10
REFERENCES	11

APPENDICES

Appendix 1. Site maps - tree location

Appendix 2. Tree survey list.

Appendix 3. TreeAZ

ACCOMPANYING DOCUMENT

2 x A0 sheet size plans at 1:200 scale (Sheets 1 and 2 of 4)
showing 'Detail and Levels at No. 126 Greville Street,
Chatswood' – Date: 14.11.05, Issue: B.



EXECUTIVE SUMMARY

The report used the TreeAZ system of assessing trees on this proposed development site. Explanatory notes are tabled in the appendix of this report (Appendix 3).

Our investigations identified and surveyed 641 trees which included native trees and exotic species.

Our findings showed that 5 trees (categorised as AA) were considered to be of significance.

478. *Eucalyptus pilularis*

488. *Angophora costata*

504. *Angophora costata*

509. *Eucalyptus pilularis*

576. *Angophora costata*

Trees that have been given a rating of Z (Blue) are considered as trees not worthy of being a material constraint for the redevelopment and could be removed. A description of reasons for removals can be seen in the explanation notes of TreeAZ. For example category Z6 is *Severe damage/structural defects that can be temporarily addressed by remedial care including cavities, decay, included bark, wounds and excessively unbalanced*.

Trees that could be retained for the next 10 years (Green) have been given a rating of A. Trees within this category may have to be removed for the redevelopment of the site. (For more detail please see appendixes)

SITE LOCATION

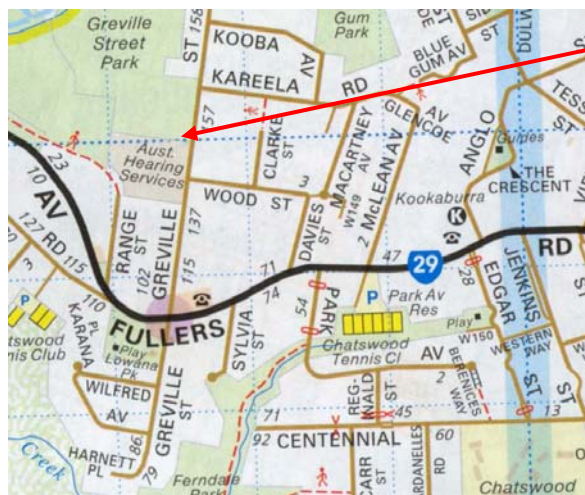


Plate 2. Site map showing study area. (Sydney 2003 map 81)



BRIEF & INSPECTION METHODOLOGY

The Barana Group Pty. Ltd. has commissioned Australian Tree Consultants Pty Ltd to undertake an assessment of trees on the site at 126 Greville St Chatswood.

This site is proposed for redevelopment. This tree survey only focuses on what trees are located on the site and the condition of the trees at the time of inspection. No redevelopment plans were submitted for our perusal.

This Arborist report is the initial audit of trees and their condition for submission for re-zoning. As the re-development stages progress and in accordance with Councils requirements detailed Tree Constraints Plans and Tree Protection Plans will be provided. These plans will either be submitted to the current used guide of BS5837:2005 or the Australian equivalent when it is released later in 2007.

Site inspections and assessments were conducted between the 12th and 27th of October 2005, 19th December 2006 and on the 21st April 2007. No aerial inspections were undertaken. Trees and bushes on building roofs were not included in the report as they will be removed during demolition. None of these trees were considered worthy of transplanting.

Willoughby Tree and Bushland Preservation Order guidelines were followed in the collection of the trees on the site. They include all trees that have the following dimensions;

- a height exceeding 4 metres, or
- a trunk girth (circumference) exceeding 600 millimetres measured at 1.2 metres above ground level, or
- a crown spread exceeding 3 metres

During the past year selected weed removal has occurred. This work was undertaken by AQF level 3 tree surgeons under the direct supervision of Australian Tree Consultants who are AQF level 5 consulting Arborists and inspections from the Councils rangers. Trees/weeds that were removed have been updated on the tree survey list.



Targeted weed species included:

- *Acacia baileyana* (Cootamundra wattle)
- *Cinnamomum camphora* (Camphor Laurel)
- *Cotoneaster* spp.
- *Erythrina x sykesii* (Coral Tree)
- *Ficus elastica* (Rubber Tree)
- *Ligustrum* spp. (Privet)
- *Lantana* spp.
- *Olea europaea* var. *Africana* (Olive Tree)
- *Phoenix canariensis* (Canary Island Date Palm)
- *Populus* spp.

Noxious weeds that were removed are listed on the Willoughby City Council's Tree & Bushland Preservation Order point 8 Exemptions.

Due to a counting error tree allocated numbers 520 – 559 were not assigned to any trees.

Trees were identified where possible, referencing Benson D. & Howell J. 1995, Chapman G.A. & Murphy C.L. 1989, Leonard G. 2002, Robinson L. 1997.

A site plan showing the location of the existing buildings and trees surveyed (including height, canopy spread and diameter at breast height) was provided by surveyors, Denny Linker & Co as Appendix 1 (Note: Refer accompanying 1:200 scale survey drawings submitted with this report).

Trees assessed were rated using Barrel's TreeAZ system. The tabulated survey form is Appendix 2.

Access to some sections of the site was difficult due to either vigorous weed invasion or dense vegetation. These areas have been assessed visually with a few individual specimens surveyed where possible.



SITE ASSESSMENT / OBSERVATIONS

The site is located at 126 Greville St Chatswood and is bordered by Greville St on the east, residential housing on the southern and northeast boundaries, and Lane Cove National Park on the northern and western boundaries. It slopes away from Greville St with Blue Gum Creek forming part of the north-eastern boundary.

The soil type is transitional, sandstone cliffs and ledges with Wianamatta based depositional clays in the lower areas, (Chapman, G.A. & Murphy C.L., 1989).

The site consists of a large building and a separate two level car – park. It was established in its current form approximately 20 years ago. Vegetation consisting mainly of trees and shrubs either native to the Sydney basin or to the immediate local area has been used as landscape material.

The majority of cultivated trees and shrubs on site are contained in defined, mulched gardens separated by mown lawn areas. There are few ‘stand alone’ trees in these areas.

Some small pockets of bushland vegetation remain within the envelope of the site. These are found on the top of the sandstone cliff on the southern side of the Acoustics Laboratory, between the northern boundary and the car park, along the natural drainage channel that flows into Blue Gum Creek. The natural vegetation in these areas has been infested with exotic weed species and ‘garden escapes’.

The northwest area of the site is heavily vegetated. This is a continuation of Lane Cove National Park. Individual trees within this area were not surveyed due to the dense nature of the vegetation. A few large specimens on the periphery were identified and surveyed to delineate the area.



Plate 3. Northeast corner of site. Dense, remnant bushland.



There are a number of significant, old, large remnant trees located in the area behind the car park, *Angophora costata*, *Eucalyptus pilularis* and *Eucalyptus piperita*.

Exotic species have been interplanted in the area between the main driveway and the boundary on the southern side of the site. This has apparently occurred after the original landscaping of the site, most probably by neighbouring residents.



Plate 4. Landscaped area in centre of site.



Plate 5. Sandstone cliff above Acoustics Laboratory. Native vegetation infested with weeds and exotic species targeted in the weed removal program.

Discussion

Trees in the main body of the complex appear to have been successfully maintained over the period since initial planting. The majority of the larger tree species appeared to be in a reasonably healthy condition and have been able to develop to their full potential.

Most of the smaller tree species such as *Acacia*, *Allocasuarina*, *Banksia*, *Casuarina*, and *Leptospermum spp* have neared the end of their expected life span and are in various stages of decline.



The area behind the car park contains a mix of ageing remnant tree species and their juveniles, introduced native species and a variety of weeds. Garden waste has been dumped here leading to the spread of weeds such as *Protasparagus aethiopicus* (Asparagus Fern) and *Tradescantia albiflora* (Wandering Jew) which forms dense ground covering layers, reducing the incidence and ability of native vegetation regeneration. The upper side of this area has been cleared of understorey trees and vegetation and is regularly mown, presumably by neighbouring residents. *Phoenix canariensis* (Canary Island Date Palm) seedlings and juveniles are colonising the lower bank area that screens the car park, suppressing the development of juvenile tree species.

The drainage channel is infested with mature *Erithrina sykesii* (Coral Trees) that are also spreading into adjoining bushland. This infestation has presumably occurred due to urban run off. Select removal has occurred to reduce the number of Coral trees along the bank of the drainage channel.

Weed infestation is particularly dense on the northern side of the drainage channel. Here *Ligustrum lucidum* (Broadleaf Privet) has formed a dense canopy cover to the exclusion of most native species.



Plate 6. *Erythrina sykesii* colonising drainage channel. Targeted species in the weed removal program.



CONCLUSIONS

As the site is proposed for redevelopment it can be assumed that the majority of trees within the main body of the site may require removal, depending on the development envelope. There are, however, sufficient numbers of retainable trees to be able to incorporate into the development without losing critical canopy cover.

The assessment has identified those trees that are considered worthy of retention where possible and have an estimated healthy life span of more than ten years from the time of assessment, or, due to historical, rarity, commemorative or ecological reasons considerable efforts should be made to retain. These have been assessed as AA and A categories, highlighted in green on the survey list.

It will not be possible to retain selected individual species that are located in garden areas that abut the building and car park where demolition is to occur.

RECOMMENDATIONS

Efforts should be made to retain, preserve and restore any remnant or regenerating bushland areas on site. These include areas north of the car park, along Blue Gum Creek and on top of the sandstone cliff next to the existing building. They contain remnant trees and plant communities of the original vegetation of the area.

Any future landscaping of the site should be undertaken with species that will not become 'urban escapes' and encroach into adjoining bushland.

All arboricultural works associated with redevelopment of the site, removal or pruning, should be done in accordance with the Australian Standard, Pruning of Amenity Trees, AS4373- 2007.

Protection measures for trees to be retained in any future redevelopment should be established before construction occurs. Protective fencing distances should be calculated and established by a Consulting Arborist before construction.



REFERENCES

Benson D. & Howell J. *Taken for Granted The Bushland of Sydney and Its Suburbs*. Kangaroo Press Pty Ltd, Sydney, 1990.

Chapman G. A. & Murphy C. L. *Soil Landscapes of the Sydney 1:100 000 Sydney Sheet*. Soil Conservation Service of NSW, Sydney, 1989.

Leonard G. *Eucalypts A Bushwalker's Guide*. University of NSW Press Ltd, Sydney, 2002.

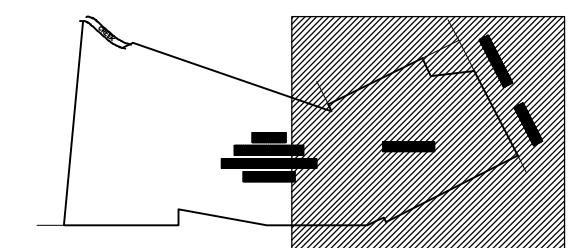
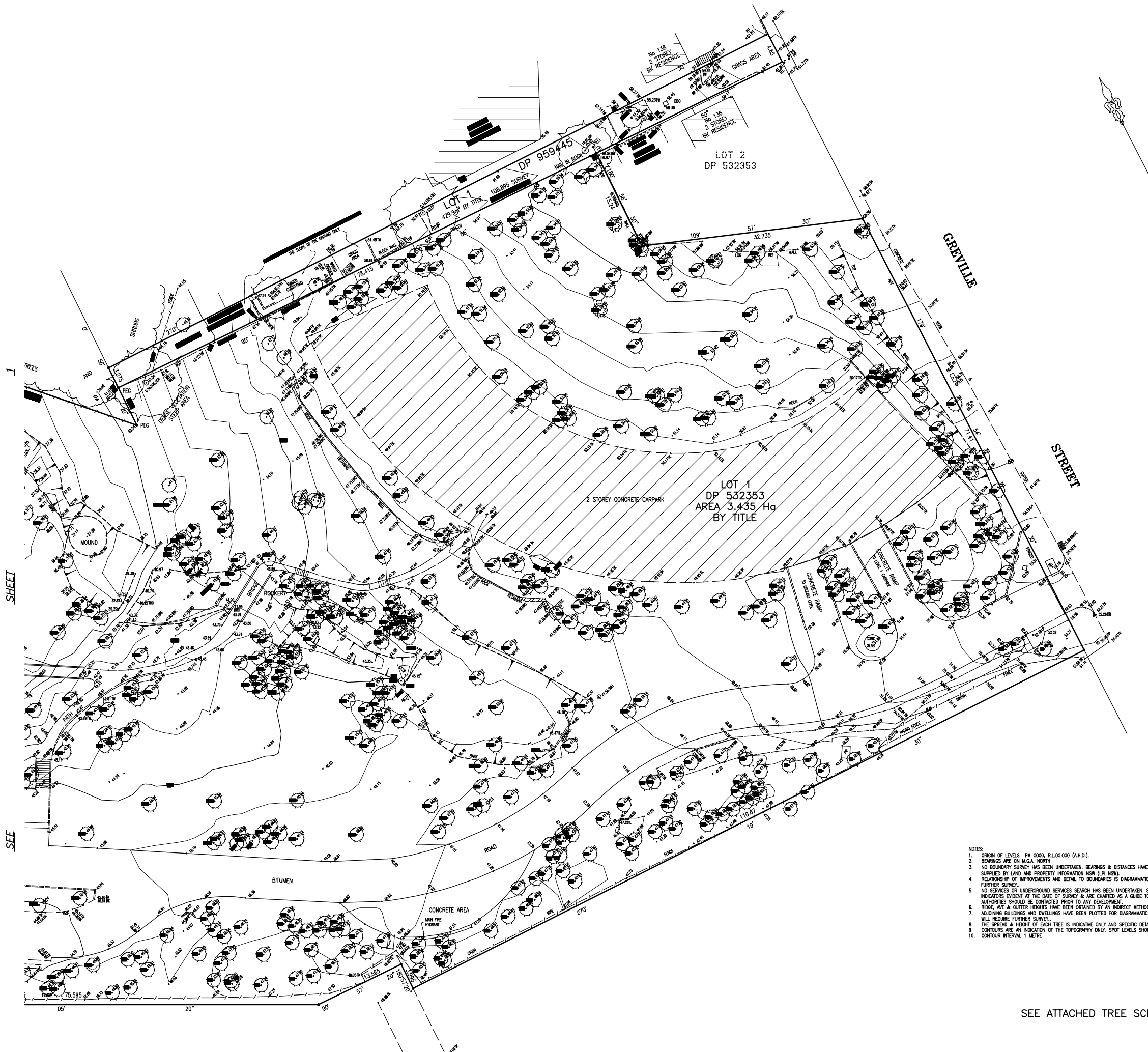
Robinson L. *field Guide to the Native Plants of Sydney*. Kangaroo Press Pty. Ltd, Sydney, 1997.



APPENDICES

- Appendix 1. Site maps - tree location
- Appendix 2. Tree survey list.
- Appendix 3. TreeAZ





- NOTES:
1. ORIGIN OF LEVELS: PM 0000, RL00.000 (A.H.D.).
 2. BEARINGS ARE ON M.G.A. NORTH.
 3. NO BOUNDARY SURVEY HAS BEEN UNDERTAKEN. BEARINGS & DISTANCES HAVE BEEN COMPILED FROM TITLE AND/OR DEED INFORMATION SUPPLIED BY LAND AND PROPERTY INFORMATION NSW (LPI NSW).
 4. RELATIONSHIP OF IMPROVEMENTS AND DETAIL TO BOUNDARIES IS DIAGRAMMATIC ONLY AND SPECIFIC DETAILS, IF CRITICAL, WILL REQUIRE FURTHER SURVEY.
 5. NO SERVICES OR UNDERGROUND SERVICES SEARCH HAS BEEN UNDERTAKEN. SERVICES SHOWN ARE BASED ON VISIBLE SURFACE INDICATORS EVIDENT AT THE DATE OF SURVEY & ARE CHARTED AS A GUIDE TO THE POSITION & NATURE OF THE SERVICE. ALL SERVICE AUTHORITIES SHOULD BE CONTACTED PRIOR TO ANY DEVELOPMENT.
 6. RIDGE, AVE & GUTTER HEIGHTS HAVE BEEN OBTAINED BY AN INDIRECT METHOD AND ARE ACCURATE FOR PLANNING PURPOSES ONLY.
 7. ADJOINING BUILDINGS AND DWELLINGS HAVE BEEN PLOTTED FOR DIAGRAMMATIC PURPOSES ONLY AND SPECIFIC DETAILS, IF CRITICAL, WILL REQUIRE FURTHER SURVEY.
 8. THE SPREAD & HEIGHT OF EACH TREE IS INDICATIVE ONLY AND SPECIFIC DETAILS, IF CRITICAL, WILL REQUIRE FURTHER SURVEY.
 9. CONTOURS ARE AN INDICATION OF THE TOPOGRAPHY ONLY. SPOT LEVELS SHOULD BE USED IF DETAILED DESIGN IS TO BE UNDERTAKEN.
 10. CONTOUR INTERVAL 1 METRE.

- LEGEND
- BB BOTTOM OF BANK
 - BRC BOTTOM OF ROCK
 - BW BOTTOM OF WALL
 - CLD CONCRETE LID PIT
 - FHYD FIRE HYDRANT
 - HTD HYDRAULIC TIE
 - LP LIGHT POLE
 - NSA NATURAL SURFACE (ASSUMED)
 - OPTUS OPTUS PIT
 - PP POWER POLE
 - PS SIGN
 - SMH SINKER MANHOLE
 - SV STOP VALVE
 - TB TOP OF BANK
 - TK TOP OF KERB
 - TRC TOP OF ROCK
 - TW TOP OF WALL
 - USC UNDERSIDE OF CONCRETE

SEE ATTACHED TREE SCHEDULE FOR DIAMETER, HEIGHT, SPREAD & RL

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</			
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----	--	--	--

APPENDIX 2 TREE SURVEY LIST

NOTE: Double letters in the retention category, i.e. AA or ZZ indicate exceptionally good or exceptionally poor respectively. AA (Very good) A (Good) Z (Poor) and ZZ (Very poor). All A's are worthy of retention; All Z's are not.

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
1	<i>Phoenix canariensis</i>	Canary Island Date Palm	1100	6	4	M	N	Z10	Potential weed species, infestation of this species throughout the site.
1a	<i>Leptospermum sp</i>	Tea Tree	200	3	3	M	L	Z3	
1b	<i>Leptospermum sp</i>	Tea Tree	200	3	3	M	L	Z3	
2	<i>Cyathea cooperii</i>	Tree Fern	150	3	4	M	N	A1	
3	<i>Pittosporum undulatum</i>	Sweet Pittosporum	250	6	7	M	L	Z11	
4	<i>Pittosporum undulatum</i>	Sweet Pittosporum	170	4	9	M	L	Z11	
5	<i>Magnolia x soulangiana</i>	Magnolia	170	3	4	M	N	A1	
6	<i>Macadamia tetraphylla</i>	Queensland Nut	140	3	4	M	N	A1	In neighbouring property.
7	<i>Magnolia grandiflora</i>	Bull Bay Magnolia	400	5	8	M	N	A1	
8	<i>Pittosporum undulatum</i>	Sweet Pittosporum	140	3	4	M	L	Z11	
9	<i>Pittosporum undulatum</i>	Sweet Pittosporum	300	5	8	M	L	Z10	
10	<i>Allocasuarina littoralis</i>	Black She Oak	260	4	7	M	L	Z10	
11	<i>Pittosporum undulatum</i>	Sweet Pittosporum	75	1.5	5	M	L	Z4	
12	<i>Pittosporum undulatum</i>	Sweet Pittosporum	120	3	6	M	L	A1	
13	<i>Pittosporum undulatum</i>	Sweet Pittosporum	100	4	6	M	L	Z10	
14	<i>Allocasuarina littoralis</i>	Black She Oak	90	4	9	M	L	Z4	
15	<i>Syncarpia glomulifera</i>	Turpentine	150	3	10	Mat	N	A1	
16	<i>Syncarpia glomulifera</i>	Turpentine	170	4	10	Mat	N	A1	
17	<i>Syncarpia glomulifera</i>	Turpentine	170	4	10	Mat	N	A1	
18	<i>Eucalyptus</i>	Swamp	220	7	10	Mat	L	Z11	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>robusta</i>	Mahogany							
19	<i>Angophora floribunda</i>	Rough – barked Apple	330	8	12	M	N	A1	
20	<i>Pittosporum undulatum</i>	Sweet Pittosporum	200	6	9	M	N	Z11	
21	<i>Allocasuarina littoralis</i>	Black She Oak	140	4	9	M	L	Z3	
22	<i>Allocasuarina littoralis</i>	Black She Oak	130	3	8	M	L	Z3	
23	<i>Pittosporum undulatum</i>	Sweet Pittosporum	150	5	5	M	N	Z11	
24	<i>Syncarpia glomulifera</i>	Turpentine	180	5	11	Mat	N	A1	
25	<i>Angophora floribunda</i>	Rough – barked Apple	420	6	12	M	L	Z11	
26	<i>Pittosporum undulatum</i>	Sweet Pittosporum	280	6	8	M	N	Z11	
27	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	100	3	7	Mat	N	A1	
28	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	50	2	3	Mat	N	A1	
29	<i>Pittosporum undulatum</i>	Sweet Pittosporum	210	4	6	M	L	Z4	
30	<i>Jacaranda mimosifolia</i>	Jacaranda	90	4	7	Mat	L	Z11	Suppressed growth
31	<i>Eucalyptus robusta</i>	Swamp Mahogany	500	18	15	M	N	A1	
32	<i>Pittosporum undulatum</i>	Sweet Pittosporum	170	5	8	M	L	Z10	
33	<i>Pittosporum undulatum</i>	Sweet Pittosporum	220	6	8	M	N	Z10	
34	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	130	3	10	Mat	N	A2	
35	<i>Pittosporum undulatum</i>	Sweet Pittosporum	140	6	8	M	N	Z10	
36	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	130	4	7	Mat	N	Z10	
37	<i>Hakea salicifolia</i>	Willow Leaf Hakea	460	6	6	M	L	Z4	
38	<i>Leptospermum sp</i>	Tea Tree	200	3	4	M	L	Z10	
39	<i>Allocasuarina littoralis</i>	Black She Oak	110	2	10	M	N	Z1	Poor form

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
40	<i>Allocasuarina littoralis</i>	Black She Oak	120	3	10	M	L	Z1	Poor form
41	<i>Allocasuarina littoralis</i>	Black She Oak	120	4	5	M	L	Z1	Poor form
42	<i>Allocasuarina littoralis</i>	Black She Oak	120	2	5	M	L	Z1	Poor form
43	<i>Allocasuarina littoralis</i>	Black She Oak	210	11	5	M	L	A1	
44	<i>Allocasuarina littoralis</i>	Black She Oak	280	4	8	M	L	A1	
45	<i>Eucalyptus pilularis</i>	Blackbutt	250	5	10	Mat	N	A1	
46	<i>Angophora floribunda</i>	Rough – barked Apple	180	5	10	M	L	Z4	
47	<i>Allocasuarina littoralis</i>	Black She Oak	150	3	8	M	L	Z10	
48	<i>Allocasuarina littoralis</i>	Black She Oak	100	15	16	M	L	Z4	Bark inclusion
49	<i>Pittosporum undulatum</i>	Sweet Pittosporum	130	5	8	M	N	Z10	
50	<i>Callistemon citrinus</i>	Crimson Bottlebrush	180	4	6	M	L	Z10	
51	<i>Jacaranda mimosifolia</i>	Jacaranda	360	4	10	Mat	L	Z10	Suppressed growth
52	<i>Pittosporum undulatum</i>	Sweet Pittosporum	140	6	8	M	L	Z4	
53	<i>Allocasuarina littoralis</i>	Black She Oak	350	4	9	M	L	Z4	
54	<i>Allocasuarina littoralis</i>	Black She Oak	150	5	8	M	N	Z11	Poor form
55	<i>Glochidion ferdinandi</i>	Cheese Tree	370	11	9	M	N	A1	
56	<i>Allocasuarina littoralis</i>	Black She Oak	300	12	3	M	N	Z10	
57	<i>Pittosporum undulatum</i>	Sweet Pittosporum	200	4	8	M	N	Z10	
58	<i>Melia azedarach</i>	White Cedar	130	3	8	M	N	Z10	
59	<i>Glochidion ferdinandi</i>	Cheese Tree	320	6	9	M	N	Z4	Bark inclusion
60	<i>Angophora floribunda</i>	Rough – barked Apple	500	5	12	M	L	Z3	In severe decline
61	<i>Syncarpia</i>	Turpentine	210	3	6	M	N	Z11	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>glomulifera</i>								
62	<i>Jacaranda mimosifolia</i>	Jacaranda	150	2	5	M	L	Z1	Coppice regrowth
63	<i>Allocasuarina littoralis</i>	Black She Oak	170	4	6	M	N	Z11	
64	<i>Angophora floribunda</i>	Rough – barked Apple	350	5	10	M	L	Z3	
65	<i>Angophora floribunda</i>	Rough – barked Apple	370	5	11	M	L	Z3	
66	<i>Glochidion ferdinandi</i>	Cheese Tree	350	6	8	M	N	Z4	Bark inclusions
67	<i>Glochidion ferdinandi</i>	Cheese Tree	270	6	9	M	N	A1	
68	<i>Syncarpia glomulifera</i>	Turpentine	230	4	11	M	N	A1	
69	<i>Glochidion ferdinandi</i>	Cheese Tree	220	5	6	M	N	Z1	
70	<i>Banksia integrifolia</i>	Coastal Banksia	250	4	10	M	N	A1	
71	<i>Allocasuarina littoralis</i>	Black She Oak	250	4	10	M	I	Z1	
72	<i>Jacaranda mimosifolia</i>	Jacaranda	110	2	7	M	L	Z1	
73	<i>Hakea salicifolia</i>	Willow-leaved Hakea	350	5	6	M	L	Z10	
74	<i>Syncarpia glomulifera</i>	Turpentine	240	3	10	Mat	N	A1	
75	<i>Syncarpia glomulifera</i>	Turpentine	170	3	8	Mat	N	A1	
76	<i>Syncarpia glomulifera</i>	Turpentine	220	3	9	Mat	N	A1	
77	<i>Syncarpia glomulifera</i>	Turpentine	300	4	9	Mat	L	Z4	
78	<i>Syncarpia glomulifera</i>	Turpentine	330	4	5	Mat	L	Z4	Bark inclusion
79	<i>Pittosporum undulatum</i>	Sweet Pittosporum	210	5	5	M	N	Z10	
80	<i>Jacaranda mimosifolia</i>	Jacaranda	210	3	13	M	L	Z4	In neighbouring property
81	<i>Chamaecyparis lawsoniana</i>	Lawson Cypress	620	15	6	M	N	A1	In neighbouring property
82	<i>Araucaria</i>	Norfolk Island	230	4	7	M	N	A1	In neighbouring property

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>heterophylla</i>	Pine							
83	<i>Syncarpia glomulifera</i>	Turpentine	230	4	7	M	N	A1	
84	<i>Syncarpia glomulifera</i>	Turpentine	240	4	7	M	N	A1	
85	<i>Syncarpia glomulifera</i>	Turpentine	400	4	11	M	N	Z4	Bark inclusion
86	<i>Syncarpia glomulifera</i>	Turpentine	190	3	7	M	N	A1	
87	<i>Eucalyptus gummifera</i>	Red Bloodwood	100	3	6	Mat	N	A1	
88	<i>Corymbia maculata</i>	Spotted Gum	190	3	12	M	N	A1	
89	<i>Syncarpia glomulifera</i>	Turpentine	240	3	8	M	N	Z4	
90	<i>Syncarpia glomulifera</i>	Turpentine	300	4	10	M	N	A1	
91	<i>Syncarpia glomulifera</i>	Turpentine	390	3	9	M	N	Z10	
92	<i>Allocasuarina littoralis</i>	Black She Oak	200	4	9	M	L	Z4	
93	<i>Callistemon citrinus</i>	Scarlet Bottlebrush	70	2	4	M	N	Z10	
94	<i>Callistemon citrinus</i>	Scarlet Bottlebrush	260	4	4	Mat	N	A1	
95	<i>Syncarpia glomulifera</i>	Turpentine	200	3	7	M	N	A1	
96	<i>Syncarpia glomulifera</i>	Turpentine	340	3	8	M	N	Z4	Bark inclusion
97	<i>Jacaranda mimosifolia</i>	Jacaranda	230	3	5	M	L	Z4	
98	<i>Allocasuarina littoralis</i>	Black She Oak	190	3	7	M	N	A1	
99	<i>Acacia parramattensis</i>	Parramatta Green Wattle	120	3	6	M	N	Z10	
100	<i>Acacia elata</i>	Cedar Wattle	130	4	9	M	N	A1	
101	<i>Liquidambar styraciflua</i>	Liquidambar	650	15	12	M	N	A1	In neighbouring property
102	<i>Pittosporum undulatum</i>	Sweet Pittosporum	170	5	5	M	N	A1	
103	<i>Angophora</i>	Rough – barked	150	3	6	M	L	Z10	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>floribunda</i>	Apple							
104	<i>Jacaranda mimosifolia</i>	Jacaranda	130	3	5	M	L	Z1	Poor form
105	<i>Allocasuarina littoralis</i>	Black She Oak	200	4	5	M	L	Z3	
106	<i>Allocasuarina littoralis</i>	Black She Oak	200	3	6	M	L	Z1	
107	<i>Allocasuarina littoralis</i>	Black She Oak	230	3	5	M	N	A1	
108	<i>Allocasuarina littoralis</i>	Black She Oak	450	4	6	M	L	Z4	
109	<i>Allocasuarina littoralis</i>	Black She Oak	150	3	6	M	L	Z3	
110	<i>Melaleuca sp</i>	Tea Tree	200	3	5	M	L	Z3	
111	<i>Allocasuarina littoralis</i>	Black She Oak	150	5	7	M	L	Z3	
112	<i>Eucalyptus haemastoma</i>	Scribbly Gum	300	6	8	M	N	Z4	Termite damage
113	<i>Eucalyptus haemastoma</i>	Scribbly Gum	400	7	6	M	L	Z4	
114	<i>Eucalyptus haemastoma</i>	Scribbly Gum				M	N	A2	
114a	<i>Eucalyptus haemastoma</i>	Scribbly Gum	200	4	3	M	N	A1	
115	<i>Eucalyptus haemastoma</i>	Scribbly Gum	500	6	15	M	N	A2	
116	<i>Angophora hispida</i>	Dwarf Apple	400	4	7	M	N	A2	
117	<i>Eucalyptus pilularis</i>	Blackbutt	1200	14	18	M	N	A1	
118	<i>Eucalyptus pilularis</i>	Blackbutt	800	10	16	M	N	A1	
119	<i>Eucalyptus sp</i>	Eucalypt (Stringybark)	1200	6	15	M	N	A2	
120	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	600	5	14	M	N	A1	
121	<i>Allocasuarina littoralis</i>	Black She Oak	350	6	11	M	L	Z11	
122	<i>Eucalyptus haemastoma</i>	Scribbly Gum	460	11	13	M	N	A2	
123	<i>Angophora floribunda</i>	Rough – barked Apple	630	9	14	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
124	<i>Persoonia levis</i>	Persoonia	110	4	2	M	N	A2	
124a	<i>Allocasuarina littoralis</i>	Black She Oak	180	5	11	M	N	A1	
124b	<i>Angophora costata</i>	Apple Gum	500	20	10	M	N	A1	In bush land, not tagged.
124c	<i>Eucalyptus pilularis</i>	Blackbutt	Multi	20	10	M	N	A1	In bush land, not tagged
125	<i>Allocasuarina littoralis</i>	Black She Oak	130	4	10	M	N	A1	
126	<i>Allocasuarina littoralis</i>	Black She Oak	180	5	10	M	N	A2	
127	<i>Allocasuarina littoralis</i>	Black She Oak	140	3	10	M	N	A1	
128	<i>Allocasuarina littoralis</i>	Black She Oak	230	5	11	M	N	Z4	
129	<i>Allocasuarina littoralis</i>	Black She Oak	160	5	9	M	N	A1	
130	<i>Eucalyptus sideroxylon</i>	Red Ironbark	270	6	10	M	N	A2	
131	<i>Angophora floribunda</i>	Rough – barked Apple	150	2	10	M	L	Z11	
132	<i>Angophora floribunda</i>	Rough – barked Apple	270	5	16	M	L	Z11	
133	<i>Angophora floribunda</i>	Rough – barked Apple	300	6	16	M	L	Z11	
134	<i>Tritaniopsis laurina</i>	Water Gum	120	3	7	M	N	A1	
135	<i>Tritaniopsis laurina</i>	Water Gum	200	6	9	M	N	A1	
136	<i>Tritaniopsis laurina</i>	Water Gum	280	8	7	M	N	A1	
137	<i>Tritaniopsis laurina</i>	Water Gum	150	1	7	M	L	Z10	
138	<i>Tristaniopsis laurina</i>	Water Gum	150	4	7	M	N	A1	
139	<i>Tritaniopsis laurina</i>	Water Gum	240	4	7	M	N	A1	
140	<i>Tritaniopsis laurina</i>	Water Gum	310	7	6	M	N	A1	
141	<i>Kunzea ambigua</i>	White Kunzea	200	4	7	M	L	Z10	
142	<i>Ceratopetalum</i>	NSW Christmas	100	2	8	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>gummiferum</i>	Bush							
143	<i>Leptospermum sp</i>	Tea Tree	200	4	4	M	L	Z1	
144	<i>Leptospermum sp</i>	Tea Tree	Multi	4	2	M	L	Z1	
145	<i>Leptospermum sp</i>	Tea Tree	Multi	5	2	M	L	Z1	
146	<i>Leptospermum sp</i>	Tea Tree	200	6	6	M	L	Z1	
147	<i>Leptospermum sp</i>	Tea Tree	200	4	6	M	L	Z1	
148	<i>Leptospermum sp</i>	Tea Tree	270	6	6	M	L	Z1	
149	<i>Leptospermum sp</i>	Tea Tree	210	5	6	M	L	Z1	
150	<i>Banksia ericifolia</i>	Heath Banksia	150	3	10	M	L	Z1	
151	<i>Leptospermum sp</i>	Tea Tree	250	7	6	M	L	Z1	
152	<i>Angophora floribunda</i>	Rough – barked Apple	190	5	8	M	L	Z1	
153	<i>Angophora floribunda</i>	Rough – barked Apple	240	8	7	M	L	Z1	
154	<i>Angophora floribunda</i>	Rough – barked Apple	100	6	8	M	L	Z1	
155	<i>Angophora floribunda</i>	Rough – barked Apple	170	6	7	M	L	Z1	
156	<i>Angophora floribunda</i>	Rough – barked Apple	360	10	10	M	L	Z1	
157	<i>Pittosporum undulatum</i>	Sweet Pittosporum	160	6	10	M	L	Z1	
158	<i>Banksia ericifolia</i>	Heath Banksia	170	8	9	M	L	Z1	
159	<i>Eucalyptus cinerea</i>	Argyle Apple	240	6	14	M	L	Z1	
161	<i>Kunzia ambigua</i>	Tick Bush	260	10	5	M	L	Z1	
162	<i>Cyathea cooperi</i>	Straw Tree Fern	190	5	5	M	N	A1	
163	<i>Acacia parramattensis</i>	Parramatta Green Wattle	110	3	9	M		Z3	
164	<i>Acacia sp</i>	Wattle	120	5	5	M	N	Z3	
165	<i>Leptospermum sp</i>	Tea Tree	110	3	5	M	L	Z1	
166	<i>Angophora floribunda</i>	Rough – barked Apple	360	5	15	M	N	A1	
167	<i>Angophora floribunda</i>	Rough – barked Apple	220	4	13	M	L	Z3	
168	<i>Angophora floribunda</i>	Rough – barked Apple	220	3	12	M	L	Z3	
169	<i>Angophora floribunda</i>	Rough – barked Apple	200	2	14	M	L	Z3	
170	<i>Glochidion ferdinandi</i>	Cheese Tree	370	9	11	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
171	<i>Glochidion ferdinandi</i>	Cheese Tree	300	7	8	M	N	A1	
172	<i>Glochidion ferdinandi</i>	Cheese Tree	260	10	9	M	N	A1	
173	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	80	4	5	M	N	A1	
174	<i>Erithryna x sykesii</i>	Coral Tree	700	10	13	M	N	Z2	
175	<i>Leptospermum</i>	Tea Tree	250	6	8	M	L	Z3	
176	<i>Corymbia citriodora</i>	Lemon Scented Gum	370	6	14	M	N	A1	
177	<i>Tritaniopsis laurina</i>	Water Gum	300	5	9	M	N	A1	
178	<i>Cyathea cooperi</i>	Straw Tree Fern	140	6	5	M	N	A1	
179	<i>Eucalyptus racemosa</i>	Snappy Gum	280	8	11	M	N	A1	
180	Removed	Weed species							
181	<i>Syncarpia glomulifera</i>	Turpentine	80	5	8	M	N	Z3	
182	<i>Corymbia citriodora</i>	Lemon Scented Gum	310	5	13	M	N	A1	
183	<i>Allocasuarina littoralis</i>	Black She Oak	160	4	11	M	N	A1	
184	<i>Allocasuarina littoralis</i>	Black She Oak	100	2	7	M	N	A1	
185	<i>Angophora floribunda</i>	Rough – barked Apple	300	4	15	M	N	A1	
186	<i>Angophora floribunda</i>	Rough – barked Apple	260	5	12	M	N	A1	
187	<i>Glochidion ferdinandi</i>	Cheese Tree	130	4	9	M	L	Z3	
188	Removed	Weed species							
189	<i>Leptospermum sp</i>	Tea Tree	110	4	5	M	L	Z3	
190	<i>Angophora floribunda</i>	Rough – barked Apple	260	3	12	M	N	A1	
191	<i>Allocasuarina littoralis</i>	Black She Oak	180	3	6	M	N	A1	
192	<i>Angophora floribunda</i>	Rough – barked Apple	300	3	14	M	N	A1	
193	<i>Allocasuarina littoralis</i>	Black She Oak	230	3	5	M	L	Z1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
194	<i>Pittosporum undulatum</i>	Sweet Pittosporum	Multi	5	3	M	N	A1	
195	Removed								
196	<i>Pittosporum undulatum</i>	Sweet Pittosporum	110	4	6	M	N	Z5	
197	<i>Pittosporum undulatum</i>	Sweet Pittosporum	200	3	6	M	N	Z5	
198	<i>Casuarina glauca</i>	Swamp She Oak	110	4	7	M	L	Z4	
199	<i>Casuarina glauca</i>	Swamp She Oak	180	4	10	M	N	A1	
199A	<i>Casuarina glauca</i>	Swamp She Oak	160	4	10	M	N	A1	
200	<i>Casuarina glauca</i>	Swamp She Oak	370	5	14	M	N	A1	
201	<i>Casuarina glauca</i>	Swamp She Oak	160	3	9	M	N	A1	
202	Removed	Weed species							
203	<i>Acacia parramattensis</i>	Parramatta Green Wattle	200	6	10	M	L	Z3	
204	<i>Grevillea robusta</i>	Silky Oak	120	2	12	M	N	Z8	
205	<i>Glochidion ferdinandi</i>	Cheese Tree	130	4	10	M	L	Z8	
206	<i>Glochidion ferdinandi</i>	Cheese Tree	130	6	10	M	L	Z8	
207	<i>Glochidion ferdinandi</i>	Cheese Tree	140	6	9	M	L	Z1	
208	<i>Acacia parramattensis</i>	Parramatta Green Wattle	240	4	11	M	L	Z3	
209	<i>Allocasuarina littoralis</i>	Black She Oak	120	6	8	M	N	A1	
210	<i>Casuarina glauca</i>	Swamp She Oak	300	6	14	M	N	A1	
211	<i>Angophora floribunda</i>	Rough – barked Apple	370	6	14	M	N	A1	
212	<i>Angophora floribunda</i>	Rough – barked Apple	150	3	9	Mat	N	Z4	
213	<i>Casuarina glauca</i>	Swamp She Oak	160	4	11	M	L	Z3	
214	<i>Casuarina glauca</i>	Swamp She Oak	50	1	7	M	L	Z1	
215	Removed	Weed species							
216	<i>Casuarina glauca</i>	Swamp She Oak	230	3	10	M	N	A1	
217	Removed	Weed species							
218	<i>Allocasuarina littoralis</i>	Black She Oak	150	4	7	M	L	Z3	
219	<i>Allocasuarina littoralis</i>	Black She Oak	160	4	8	M	L	Z3	
220	Removed	Weed species							

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
221	<i>Angophora floribunda</i>	Rough – barked Apple	130	2	10	M	L	Z4	Root plate has heaved
222	<i>Cupressus sp</i>	Cypress	450	6	9	M	N	A1	
223	<i>Cupressus sp</i>	Cypress	300	4	10	M	N	A1	
224	<i>Grevillea sp</i>	Grevillea	90	2	3	M	L	Z3	
225	<i>Leptospermum sp</i>	Tea Tree	90	3	4	M	L	Z3	
226	<i>Acacia parramattensis</i>	Parramatta Green Wattle	230	6	9	M	L	Z1	
227	<i>Allocasuarina littoralis</i>	Black She Oak	90	1	4	Mat	L	Z1	
228	<i>Allocasuarina littoralis</i>	Black She Oak	70	1	7	M	L	Z1	
229	<i>Glochidion ferdinandi</i>	Cheese Tree	400	5	11	M	N	A1	
230	<i>Allocasuarina littoralis</i>	Black She Oak	120	3	9	M	L	Z1	
231	<i>Pittosporum undulatum</i>	Sweet Pittosporum	120	4	4	M	L	Z3	
232	<i>Jacaranda mimosifolia</i>	Jacaranda	150	5	8	M	L	Z8	
233	<i>Cupressus sp</i>	Cypress	100	3	7	M	L	Z1	
234	<i>Corymbia citriodora</i>	Lemon Scented Gum	280	5	14	M	N	A1	
235	<i>Allocasuarina littoralis</i>	Black She Oak	140	4	8	M	L	Z1	
236	<i>Banksia ericifolia</i>	Heath – leaved Banksia	310	4	6	M	L	Z8	
237	<i>Corymbia citriodora</i>	Lemon Scented Gum	250	6	10	M	N	A1	
238	<i>Corymbia citriodora</i>	Lemon Scented Gum	210	5	12	M	N	A1	
239	<i>Allocasuarina littoralis</i>	Black She Oak	200	6	6	M	L	Z1	
241	<i>Leptospermum sp</i>	Tea Tree	190	5	5	M	L	Z1	
242	<i>Leptospermum sp</i>	Tea Tree	160	4	5	M	L	Z1	
243	<i>Angophora floribunda</i>	Rough – barked Apple	300	3	11	M	L	Z4	
244	<i>Angophora floribunda</i>	Rough – barked Apple	230	3	10	M	N	A1	
245	<i>Eucalyptus pilularis</i>	Blackbutt	370	7	11	M	N	A1	
246	<i>Leptospermum sp</i>	Tea Tree	230	4	4	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
247	<i>Eucalyptus cinerea</i>	Argyle Apple	270	7	10	M	L	Z3	
248	<i>Eucalyptus haemastoma</i>	Scribbly Gum	330	7	10	M	N	A2	
249	<i>Syncarpia glomulifera</i>	Turpentine	400	5	8	M	N	A1	
249a	<i>Syncarpia glomulifera</i>	Turpentine	100	3	6	M	N	Z10	
250	<i>Glochidion ferdinandi</i>	Cheese Tree	220	5	7	M	N	Z10	
251	<i>Allocasuarina littoralis</i>	Black She Oak	320	5	8	M	L	Z10	
252	<i>Angophora floribunda</i>	Rough – barked Apple	400	4	13	M	N	A2	
253	<i>Allocasuarina littoralis</i>	Black She Oak	130	2	4	M	L	Z10	
254	<i>Angophora floribunda</i>	Rough – barked Apple	350	3	13	M	N	A1	
255	<i>Angophora floribunda</i>	Rough – barked Apple	230	4	10	M	N	A1	
256	<i>Allocasuarina littoralis</i>	Black She Oak	130	4	4	M	L	Z1	
257	<i>Allocasuarina littoralis</i>	Black She Oak	270	6	5	M	L	Z3	Bracket fungi, bark inclusion.
258	<i>Leptospermum sp</i>	Tea Tree	230	5	3	M	N	A1	
260	<i>Syncarpia glomulifera</i>	Turpentine	130	2	4	M	N	A1	
261	<i>Glochidion ferdinandi</i>	Cheese Tree	460	7	8	M	N	A1	
262	<i>Syncarpia glomulifera</i>	Turpentine	120	3	6	M	N	A1	
263	<i>Allocasuarina littoralis</i>	Black She Oak	280	6	10	M	N	A1	
264	<i>Glochidion ferdinandi</i>	Cheese Tree	300	10	7	M	N	A1	
265	<i>Glochidion ferdinandi</i>	Cheese Tree	80	4	2	Mat	L	Z10	
266	<i>Brachychiton acerifolius</i>	Flame Tree	190	8	10	M	N	A1	
267	<i>Allocasuarina littoralis</i>	Black She Oak	100	3	7	M	L	Z4	
268	<i>Eucalyptus</i>	Scribbly Gum	370	6	11	M	N	A2	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>haemastoma</i>								
269	<i>Acacia parramattensis</i>	Parramatta Green Wattle	200	4	11	M	L	Z4	
270	<i>Eucalyptus haemastoma</i>	Scribbly Gum	230	5	11	M	L	Z10	
271	<i>Allocasuarina littoralis</i>	Black She Oak	390	5	11	M	N	A2	
272	<i>Syncarpia glomulifera</i>	Turpentine	130	2	5	M	N	A1	
273	<i>Eucalyptus racemosa</i>	Snappy Gum	240	5	8	M	L	Z4	
274	<i>Brachychiton acerifolius</i>	Flame Tree	230	4	12	M	N	Z10	
275	<i>Tritaniopsis laurina</i>	Water Gum	370	5	10	M	N	A2	
276	<i>Allocasuarina littoralis</i>	Black She Oak	300	7	11	M	L	A1	
276a	<i>Allocasuarina littoralis</i>	Black She Oak	270	5	12	M	N	A1	
277	<i>Allocasuarina littoralis</i>	Black She Oak	200	6	9	M	L	Z3	
279	<i>Angophora floribunda</i>	Rough – barked Apple	400	6	12	M	N	A1	
280	<i>Angophora floribunda</i>	Rough – barked Apple	730	6	15	M	N	Z4	
280a	<i>Syncarpia glomulifera</i>	Turpentine	270	4	7	M	N	Z1	
281	<i>Allocasuarina littoralis</i>	Black She Oak	90	2	9	M	N	A1	
282	<i>Allocasuarina littoralis</i>	Black She Oak	140	3	10	M	N	A1	
283	<i>Allocasuarina littoralis</i>	Black She Oak	140	3	11	M	N	A1	
284	<i>Allocasuarina littoralis</i>	Black She Oak	130	3	11	M	N	A1	
285	<i>Tritaniopsis laurina</i>	Water Gum	220	5	8	M	N	A1	
286	<i>Allocasuarina littoralis</i>	Black She Oak	450	6	13	M	N	A1	
287	<i>Allocasuarina littoralis</i>	Black She Oak	160	4	6	M	L	Z4	
288	<i>Allocasuarina</i>	Black She Oak	170	3	6	M	L	Z3	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>littoralis</i>								
289	<i>Leptospermum sp</i>	Tea Tree	210	4	6	M	L	Z10	
290	<i>Allocasuarina littoralis</i>	Black She Oak	100	1	10	M	L	Z10	
291	<i>Allocasuarina littoralis</i>	Black She Oak	260	4	10	M	L	Z10	
292	<i>Allocasuarina littoralis</i>	Black She Oak	120	1	11	M	N	A1	
293	<i>Allocasuarina littoralis</i>	Black She Oak	90	2	9	M	L	Z10	
294	<i>Allocasuarina littoralis</i>	Black She Oak	200	3	12	M	N	A1	
295	<i>Allocasuarina littoralis</i>	Black She Oak	100	2	9	M	L	Z1	
296	<i>Leptospermum sp</i>	Tea Tree	320	3	4	M	L	Z1	
297b	<i>Leptospermum sp</i>	Tea Tree	1990	5	5	M	L	Z1	
298	<i>Angophora floribunda</i>	Rough – barked Apple	500	6	14	M	N	A2	
299	<i>Angophora floribunda</i>	Rough – barked Apple	210	4	11	M	N	Z4	
300	Removed	Weed species							
301	<i>Angophora floribunda</i>	Rough – barked Apple	200	4	11	M	N	A2	
302	Removed	Weed species							
303	Removed	Weed species							
303A	<i>Angophora floribunda</i>	Rough – barked Apple	300	5	15	M	N	A2	
304	Removed	Weed species							
305	Removed	Weed species							
306	<i>Erythrina x sykesii</i>	Coral Tree	300	8	8	M	N	Z1	
307	<i>Erythrina x sykesii</i>	Coral Tree	590	9	10	M	N	Z1	
307A	Removed	Weed species							
307B	Removed	Weed species							
308	Removed	Weed species							
309	Removed	Weed species							
310	Removed	Weed species							
311	Removed	Weed species							
312	<i>Erythrina x sykesii</i>	Coral Tree	300	5	8	M	N	Z1	
313	Removed	Weed species							
314	Removed	Weed species							
315	Removed	Weed species							

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
316	<i>Erythrina x sykesii</i>	Coral Tree	350	7	11	M	N	Z1	
317	Removed	Weed species							
318	Removed	Weed species							
319	<i>Erythrina x sykesii</i>	Coral Tree	400	5	8	M	N	Z1	
320	Removed	Weed species							
321	Removed	Weed species							
322	Removed	Weed species							
322 b	Removed	Weed species							
323	Removed	Weed species							
324	<i>Erythrina x sykesii</i>	Coral Tree	260	8	11	M	N	Z1	
325	Removed	Weed species							
326	<i>Erythrina x sykesii</i>	Coral Tree	560	6	8	M	N	Z1	
327	<i>Cyathea cooperi</i>	Tree Fern	200	3	7	M	N	A1	
328	<i>Tritaniopsis laurina</i>	Water Gum	280	3	8	M	N	Z4	
329	<i>Angophora floribunda</i>	Rough – barked Apple	350	5	13	M	N	A2	
330	<i>Callistemon citrinus</i>	Crimson Bottlebrush	130	5	4	M	L	Z4	
331	<i>Callistemon citrinus</i>	Crimson Bottlebrush	230	4	4	M	L	Z1	
332	<i>Leptospermum sp</i>	Tea Tree	140	3	4	M	L	Z4	
333	<i>Pittosporum undulatum</i>	Sweet Pittosporum	140	6	3	M	L	Z1	
334	<i>Pittosporum undulatum</i>	Sweet Pittosporum	150	4	6	M	N	A1	
335	<i>Pittosporum undulatum</i>	Sweet Pittosporum	150	4	10	M	N	A1	
336	<i>Syncarpia glomulifera</i>	Turpentine	140	3	10	M	N	A1	
337	Removed								
338	<i>Pittosporum undulatum</i>	Sweet Pittosporum	320	3	10	M	G	A1	
339	<i>Acacia elata</i>	Cedar Wattle	305	5	11	M	L	Z4	
340	<i>Leptospermum sp</i>	Tea Tree	150	5	6	M	L	Z10	
341	<i>Backhousia myrtifolia</i>	Grey Myrtle	70	2	5	M	L	Z10	
342	<i>Glochidion ferdinandi</i>	Cheese Tree	70	2	5	M	L	Z10	
343	<i>Glochidion ferdinandi</i>	Cheese Tree	340	6	9	M	G	A1	
344	<i>Eucalyptus</i>	Snappy Gum	400	6	13	M	L	A2	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>racemosa</i>								
344a	<i>Acacia parramattensis</i>	Parramatta Green Wattle	130	2	5	M	L	Z4	
345	<i>Tritaniopsis laurina</i>	Water Gum				M	N	A1	
346	<i>Tritaniopsis laurina</i>	Water Gum	130	4	7	M	N	A1	
347	<i>Syncarpia glomulifera</i>	Turpentine	300	6	10	M	N	A1	
349	<i>Glochidion ferdinandi</i>	Cheese Tree	180	7	9	M	L	Z10	
350	<i>Banksia ericifolia</i>	Heath – leaved Banksia	170	3	5	M	L	Z3	
351	<i>Tritaniopsis laurina</i>	Water Gum				M	L	Z10	
352	<i>Cyathea cooperi</i>	Straw Tree Fern	11	1	3	M	N	A1	
353	<i>Glochidion ferdinandi</i>	Cheese Tree	260	5	10	M	N	A1	
354	<i>Angophora floribunda</i>	Rough – barked Apple	250	3	11	M	L	Z4	
354a	<i>Syncarpia glomulifera</i>	Turpentine	160	3	10	M	L	Z10	
355	<i>Syncarpia glomulifera</i>	Turpentine	300	6	8	M	N	Z3	
356	<i>Angophora floribunda</i>	Rough – barked Apple	230	3	11	M	N	A1	
357	<i>Glochidion ferdinandi</i>	Cheese Tree	220	4	7	M	N	A1	
358	<i>Tritaniopsis laurina</i>	Water Gum	90	2	7	M	L	Z10	
359	<i>Allocasuarina littoralis</i>	Black She Oak	120	3	9	M	L	Z10	
360	<i>Angophora floribunda</i>	Rough – barked Apple	150	2	10	M	N	A2	
360b	<i>Angophora floribunda</i>	Rough – barked Apple	230	15	3	M	N	A2	
361	<i>Syncarpia glomulifera</i>	Turpentine	390	4	12	M	N	Z4	Bark inclusion
362	<i>Syncarpia glomulifera</i>	Turpentine	300	5	11	M	N	Z4	Bark inclusion

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
363	<i>Angophora floribunda</i>	Rough – barked Apple	380	8	16	M	N	A2	
364	<i>Syncarpia glomulifera</i>	Turpentine	520	8	12	M	N	Z4	Bark inclusion
365	<i>Corymbia citriodora</i>	Lemon Scented Gum	250	5	16	M	N	A2	
366	<i>Eucalyptus racemosa</i>	Snappy Gum	380	8	13	M	N	A2	
367	<i>Glochidion ferdinandi</i>	Cheese Tree	110	3	8	M	N	A1	
368	<i>Glochidion ferdinandi</i>	Cheese Tree	280	7	12	M	N	Z10	
369	<i>Acacia parramattensis</i>	Parramatta Green Wattle	180	5	6	M	L	Z4	
370	<i>Acacia parramattensis</i>	Parramatta Green Wattle	210	5	11	M	L	Z4	
371	<i>Angophora floribunda</i>	Rough – barked Apple	250	3	11	M	N	A2	
372	<i>Syncarpia glomulifera</i>	Turpentine	430	7	13	M	N	A1	
373	<i>Angophora costata</i>	Apple Gum	340	2	13	M	N	A1	
374	<i>Syncarpia glomulifera</i>	Turpentine	90	3	9	M	N	A1	
375	<i>Eucalyptus pilularis</i>	Blackbutt	70	3	10	M	N	A1	
376	<i>Angophora costata</i>	Apple Gum	150	4	10	M	N	Z1	
377	<i>Angophora costata</i>	Apple Gum	320	4	13	M	N	Z1	
378	Removed	Weed species							
379	<i>Syncarpia glomulifera</i>	Turpentine	400		13	M	N	A1	
380	<i>Angophora costata</i>	Apple Gum	380	6	13	M	N	A1	
380b	Removed	Weed species							
381	Removed	Weed species							
382	<i>Syncarpia glomulifera</i>	Turpentine	300	7	13	M	N	A1	
384	<i>Elaeocarpus</i>	Blueberry Ash	70	2	5	M	N	Z1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>reticulatus</i>								
385	<i>Allocasuarina littoralis</i>	Black She Oak	110	3	6	M	L	Z1	
386	<i>Angophora costata</i>	Apple Gum	330	7	15	M	N	A1	
387	<i>Angophora costata</i>	Apple Gum	110	3	10	M	N	Z3	
388	<i>Angophora floribunda</i>	Rough – barked Apple	120	3	9	M	N	A2	
389	<i>Angophora floribunda</i>	Rough – barked Apple	120	3	9	M	N	A2	
390	<i>Melaleuca bracteta</i>	Golden Paperbark	110	2	8	M	N	A1	
391	<i>Angophora floribunda</i>	Rough – barked Apple	150	2	11	M	N	A1	
392	<i>Angophora floribunda</i>	Rough – barked Apple	140	3	12	M	N	A1	
393	<i>Angophora costata</i>	Apple Gum	300	6	13	M	N	A1	
394	<i>Angophora costata</i>	Apple Gum	320	4	13	M	N	A2	
395	<i>Eucalyptus racemosa</i>	Snappy Gum	300	5	14	M	L	A2	
396	<i>Leptospermum sp</i>	Tea Tree	200	4	8	M	L	Z3	
397	<i>Eucalyptus racemosa</i>	Snappy Gum	120	3	9	M	L	Z1	
398	<i>Banksia ericifolia</i>	Heath – leaved Banksia	120	4	5	M	L	Z3	
399	<i>Eucalyptus haemastoma</i>	Scribbly Gum	410	7	15	M	N	A2	
400	<i>Angophora costata</i>	Apple Gum	430	5	12	M	N	A2	
401	<i>Angophora floribunda</i>	Rough – barked Apple	220	2	13	M	N	A1	
402	<i>Allocasuarina littoralis</i>	Black She Oak	100	2	7	M	L	Z1	
403	<i>Eucalyptus haemastoma</i>	Scribbly Gum	200	4	8	M	N	A2	
404	<i>Eucalyptus haemastoma</i>	Scribbly Gum	270	5	9	M	N	A2	
405	<i>Eucalyptus</i>	Scribbly Gum	420	6	11	M	N	A2	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>haemastoma</i>								
405b	Removed	Weed species							
406	Removed	Weed species							
407	<i>Eucalyptus haemastoma</i>	Scribbly Gum	500	8	16	M	N	A1	
408	<i>Eucalyptus haemastoma</i>	Scribbly Gum	280	7	11	M	N	A2	
409	<i>Angophora costata</i>	Apple Gum	550	8	15	M	N	A2	
410	<i>Angophora costata</i>	Apple Gum	300	7	10	M	N	A1	
411	<i>Angophora costata</i>	Apple Gum	310	6	14	M	N	A2	
411a	Removed	Weed species							
412	<i>Angophora costata</i>	Apple Gum	350	7	14	M	N	Z4	Fungal fruiting body, at wound in trunk. Removal required.
413	<i>Angophora costata</i>	Apple Gum	400	8	12	M	N	A1	
414	<i>Syncarpia glomulifera</i>	Turpentine	300	5	9	M	N	A1	
415	<i>Pittosporum undulatum</i>	Sweet Pittosporum	150	3	8	M	N	A1	
416	<i>Pittosporum undulatum</i>	Sweet Pittosporum	200	3	8	M	N	A1	
417	<i>Pittosporum undulatum</i>	Sweet Pittosporum	300	5	9	M	N	A1	
418	<i>Pittosporum undulatum</i>	Sweet Pittosporum	120	3	7	M	N	Z4	
420	<i>Pittosporum undulatum</i>	Sweet Pittosporum	160	6	8	M	N	A1	
421	<i>Pittosporum undulatum</i>	Sweet Pittosporum	200	6	8	M	N	A1	
422	Removed	Weed species							
423	<i>Pittosporum undulatum</i>	Sweet Pittosporum	350	6	12	M	N	A1	
424	<i>Pittosporum undulatum</i>	Sweet Pittosporum	300	5	13	M	N	A1	
425	<i>Pittosporum undulatum</i>	Sweet Pittosporum	110	3	12	M	L	Z10	
426	<i>Pittosporum undulatum</i>	Sweet Pittosporum	180	6	12	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
427	<i>Acacia parramattensis</i>	Parramatta Green Wattle	300	8	16	M	L	Z4	
428	<i>Callistemon citrinus</i>	Scarlet Bottlebrush	300	5	11	M	L	Z1	
428A	<i>Eucalyptus robusta</i>	Swamp Mahogany	350	7	12	M	N	A1	
429	<i>Syncarpia glomulifera</i>	Turpentine	300	5	15	M	N	Z10	
430	<i>Eucalyptus robusta</i>	Swamp Mahogany	190	3	9	M	N	A1	
431	<i>Podocarpus elatus</i>	Brown Pine	40	2	4	M	N	Z10	
432	<i>Eucalyptus robusta</i>	Swamp Mahogany	300	6	12	M	N	A1	
433	<i>Syncarpia glomulifera</i>	Turpentine	150	4	8	M	N	Z10	
434	<i>Angophora costata</i>	Apple Gum	350	6	14	M	N	A1	
435	<i>Eucalyptus robusta</i>	Swamp Mahogany	230	3	10	M	N	Z8	
436	<i>Angophora costata</i>	Apple Gum	290	6	14	M	N	A2	
437	<i>Podocarpus elatus</i>	Brown Pine	100	3	6	M	N	Z10	
439	<i>Eucalyptus robusta</i>	Swamp Mahogany	150	3	8	M	L	Z1	
440	<i>Eucalyptus robusta</i>	Swamp Mahogany	300	6	14	M	N	A1	
441	<i>Eucalyptus robusta</i>	Swamp Mahogany	250	3	12	M	L	Z10	
442	<i>Syncarpia glomulifera</i>	Turpentine	200	3	8	M	N	Z3	
443	<i>Syncarpia glomulifera</i>	Turpentine	200	3	6	M	L	Z3	
444	<i>Syncarpia glomulifera</i>	Turpentine	360	5	13	M	N	A1	
445	<i>Syncarpia glomulifera</i>	Turpentine	400	5	8	M	N	Z4	
446	<i>Angophora costata</i>	Apple Gum	420	5	14	M	N	A2	
447	<i>Angophora costata</i>	Apple Gum	450	6	19	M	N	A2	
448	<i>Angophora</i>	Rough – barked	110	1	7	M	N	Z8	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>floribunda</i>	Apple							
449	<i>Angophora costata</i>	Apple Gum	380	6	18	M	N	A1	
450	<i>Angophora costata</i>	Apple Gum	380	5	15	M	N	A2	
451	<i>Angophora costata</i>	Apple Gum	500	6	17	M	N	A2	
452	<i>Eucalyptus gummifera</i>	Red Bloodwood	250	5	10	M	L	Z10	
453	<i>Syncarpia glomulifera</i>	Turpentine	250	3	11	M	N	A1	
454	<i>Syncarpia glomulifera</i>	Turpentine	230	4	9	M	N	A1	
455	<i>Angophora costata</i>	Apple Gum	210	5	11	M	N	A1	
456	<i>Syncarpia glomulifera</i>	Turpentine	150	2	7	Mat	N	A1	
457	<i>Syncarpia glomulifera</i>	Turpentine	230	3	6	M	L	Z10	
459	<i>Syncarpia glomulifera</i>	Turpentine	150	3	7	Mat	N	A1	
460	<i>Pittosporum undulatum</i>	Sweet Pittosporum	300	3	7	M	N	A2	
461	<i>Syncarpia glomulifera</i>	Turpentine	600	5	10	M	N	A2	
461 b	<i>Syncarpia glomulifera</i>	Turpentine	110	4	6	M	N	A2	
462	<i>Angophora costata</i>	Apple Gum	350	6	13	M	N	A2	
463	<i>Angophora costata</i>	Apple Gum	160	5	11	M	L	Z10	
464	<i>Eucalyptus piperita</i>	Sydney Peppermint	850	10	12	M	L	A2	
465	<i>Eucalyptus piperita</i>	Sydney Peppermint	350	5	9	M	L	Z11	Structural defects that may require removal.
466	<i>Eucalyptus piperita</i>	Sydney Peppermint	1100	10	13	M	N	A1	
467	<i>Syncarpia glomulifera</i>	Turpentine	230	5	7	M	N	A1	
468	<i>Syncarpia glomulifera</i>	Turpentine	280	5	8	M	L	Z10	
469	<i>Eucalyptus</i>	Sydney	1100	10	12	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>piperita</i>	Peppermint							
470	<i>Eucalyptus pilularis</i>	Blackbutt	120	2	9	M	N	Z10	
471	<i>Angophora costata</i>	Apple Gum	300	6	13	M	N	A1	
471 b	<i>Angophora costata</i>	Apple Gum	200	4	6	Mat	N	A1	
472	<i>Eucalyptus piperita</i>	Sydney Peppermint	220	4	11	Mat	N	A1	
473	<i>Angophora costata</i>	Apple Gum	350	7	13	M	N	A2	
473b	<i>Eucalyptus piperita</i>	Sydney Peppermint	240	4	11	M	N	A2	
474	<i>Eucalyptus pilularis</i>	Blackbutt	100	1.5	8	Mat	N	Z1	
476	<i>Syncarpia glomulifera</i>	Turpentine	200	3	10	Mat	N	A1	
477	<i>Syncarpia glomulifera</i>	Turpentine	200	5	9	Mat	N	A1	
478	<i>Eucalyptus pilularis</i>	Blackbutt	1040	16	19	M	N	AA2	Large, old remnant
479	<i>Eucalyptus pilularis</i>	Blackbutt	500	8	11	M	N	Z10	
480	<i>Angophora costata</i>	Apple Gum	300	5	12	M	N	A1	
481	<i>Angophora costata</i>	Apple Gum	280	3	11	M	N	Z4	
482	<i>Eucalyptus robusta</i>	Swamp Mahogany	160	1.5	7	Mat	L	Z4	
483	<i>Syncarpia glomulifera</i>	Turpentine	140	3	9	M	N	A1	
484	<i>Syncarpia glomulifera</i>	Turpentine	300	4	9	M	L	Z10	
485	<i>Syncarpia glomulifera</i>	Turpentine	240	6	10	M	N	A1	
486	<i>Syncarpia glomulifera</i>	Turpentine	230	5	8	M	N	A1	
487	<i>Syncarpia glomulifera</i>	Turpentine	210	3	6	M	L	Z10	
488	<i>Angophora costata</i>	Apple Gum	800	9	13	M	L	AA3	Large, old remnant
489	<i>Syncarpia</i>	Turpentine	250	3	10	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>glomulifera</i>								
490	<i>Syncarpia glomulifera</i>	Turpentine	300	4	9	M	N	A1	
491	<i>Grevillea robusta</i>	Silky Oak	400	5	8	M	N	A1	
492	<i>Washingtonia sp</i>	Cotton Palm	330	2	3	M	N	A1	
493	<i>Schlefflera actinophylla</i>	Umbrella Tree	170	2	7	M	N	ZZ	Undesirable species.
494	<i>Syncarpia glomulifera</i>	Turpentine	260	3	7	M	N	A1	
496	<i>Angophora costata</i>	Apple Gum	350	5	11	M	N	A1	
497	<i>Syncarpia glomulifera</i>	Turpentine	240	5	8	M	N	A1	
498	<i>Angophora costata</i>	Apple Gum	80	3	6	Mat	L	Z1	
499	<i>Angophora costata</i>	Apple Gum	200	5	12	M	N	A1	
500	<i>Syncarpia glomulifera</i>	Turpentine	260	3	9	Mat	N	A2	
501	<i>Angophora costata</i>	Apple Gum	350	2	8	M	L	Z3	Dead
502	<i>Pittosporum undulatum</i>	Sweet Pittosporum	500	7	7	M	N	A1	
503	<i>Angophora costata</i>	Apple Gum	100	2	8	Mat	N	A1	
504	<i>Angophora costata</i>	Apple Gum	400	6	12	M	N	AA	
505	<i>Angophora costata</i>	Apple Gum	110	1	10	Mat	L	Z1	
506	<i>Angophora costata</i>	Apple Gum	100	2	9	Mat	L	Z1	
507	<i>Angophora costata</i>	Apple Gum	200	4	11	Mat	N	A1	
508	<i>Eucalyptus pilularis</i>	Blackbutt	500	10	12	M	L	Z4	
509	<i>Eucalyptus pilularis</i>	Blackbutt	600	12	15	M	N	AA	On public footpath
510	<i>Angophora costata</i>	Apple Gum	450	7	12	M	N	A1	
511	<i>Angophora costata</i>	Apple Gum	400	8	16	M	N	A1	
512	<i>Pittosporum</i>	Sweet	100	3	5	M	N	A1	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>undulatum</i>	<i>Pittosporum</i>							
513	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	130	3	8	M	N	A1	
514	<i>Angophora costata</i>	Apple Gum	170	4	10	M	N	A2	
516	<i>Eucalyptus pilularis</i>	Blackbutt	200	3	11	Mat	N	A1	
517	<i>Angophora floribunda</i>	Rough – barked Apple	140	2	7	Mat	N	A1	
518	<i>Angophora floribunda</i>	Rough – barked Apple	160	3	9	Mat	N	A1	
519	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	100	3	6	M	N	A1	
520559	Not assigned to trees								
560	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	70	2	5	M	L	Z10	
561	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	80	1.5	6	M	L	Z10	
562	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	80	2	6	M	L	Z10	
563	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	80	2	8	M	L	Z10	
564	<i>Angophora costata</i>	Apple Gum	200	6	11	M	N	A2	
565	<i>Angophora costata</i>	Apple Gum	410	8	11	M	N	A1	
566	<i>Eucalyptus eximia</i>	Yellow Bloodwood	200	5	11	M	N	A1	
567	<i>Eucalyptus saligna</i>	Sydney Blue Gum	530	11	15	M	N	A1	On public footpath
568	<i>Angophora costata</i>	Apple Gum	200	4	8	Mat	N	A1	
569	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	80	3	5	M	N	A1	
570	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	90	5	7	M	L	Z10	
571	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	60	2	5	M	L	Z10	
572	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	90	3	6	M	L	Z10	
573	<i>Elaeocarpus</i>	Blueberry Ash	90	3	6	M	L	Z10	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>reticulatus</i>								
574	<i>Ceratopetalum gummiferum</i>	NSW Christmas Bush	100	2	3	M	L	Z10	
575	<i>Syncarpia glomulifera</i>	Turpentine	230	3	9	Mat	L	Z3	On public footpath
576	<i>Angophora costata</i>	Apple Gum	650	11	13	M	N	AA	
577	<i>Syncarpia glomulifera</i>	Turpentine	450	5	9	M	N	A2	
578	<i>Syncarpia glomulifera</i>	Turpentine	400	7	7	M	L	Z4	
578b	<i>Syncarpia glomulifera</i>	Turpentine	400	5	9	M	N	A2	
579	<i>Syncarpia glomulifera</i>	Turpentine	200	3	8	Mat	N	A1	
580	<i>Eucalyptus pilularis</i>	Blackbutt	130	2	8	Mat	N	A1	
581	<i>Syncarpia glomulifera</i>	Turpentine	130	2	8	Mat	N	A1	
582	<i>Syncarpia glomulifera</i>	Turpentine	160	4	8	Mat	L	Z10	
583	<i>Syncarpia glomulifera</i>	Turpentine	200	3	8	Mat	L	Z10	
584	<i>Syncarpia glomulifera</i>	Turpentine	400	4	10	M	N	A1	
585	<i>Allocasuarina littoralis</i>	Black She Oak	400	6	10	M	L	Z3	Dead
586	<i>Angophora costata</i>	Apple Gum	250	4	10	M	N	A1	
587	<i>Allocasuarina littoralis</i>	Black She Oak	100	3	5	M	L	Z1	
588	<i>Angophora costata</i>	Apple Gum	250	4	13	M	N	A1	
589	<i>Allocasuarina littoralis</i>	Black She Oak	600	6	13	M	N	A1	
590	<i>Angophora costata</i>	Apple Gum	170	4	12	M	N	A1	
591	<i>Eucalyptus gummifera</i>	Red Bloodwood	150	1	7	Mat	L	Z10	
592	<i>Angophora costata</i>	Apple Gum	90	4	5	Mat	L	Z10	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
593	<i>Angophora costata</i>	Apple Gum	350	6	12	M	N	A1	
594	<i>Allocasuarina littoralis</i>	Black She Oak	80	3	3	M	N	Z10	
595	<i>Angophora costata</i>	Apple Gum	160	4	8	M	N	A2	
596	<i>Angophora costata</i>	Apple Gum	550	10	13	M	N	A	
597	<i>Angophora costata</i>	Apple Gum	80	1	4	Mat	L	Z11	
598	<i>Allocasuarina littoralis</i>	Black She Oak	150	5	5	M	L	Z3	
599	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	110	2	5	M	G	A1	
600	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	70	1.5	3.5	M	L	Z10	
601	<i>Syncarpia glomulifera</i>	Turpentine	130	3	6	M	N	A1	
602	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	90	1.5	4	M	L	Z10	
603	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	70	1	3	M	L	Z10	
604	<i>Syncarpia glomulifera</i>	Turpentine	100	2	6	Mat	L	Z1	
604b	<i>Eucalyptus haemastoma</i>	Scribbly Gum	200	4	6	M	L	Z4	
605	<i>Eucalyptus pilularis</i>	Blackbutt	200	4	8	M	L	A2	
606a	<i>Eucalyptus robusta</i>	Swamp Mahogany	350	5	10	M	N	A1	
606b	<i>Syncarpia glomulifera</i>	Turpentine	350	4	8	M	L	Z4	
607	<i>Allocasuarina littoralis</i>	Black She Oak	140	2	11	M	N	A1	
609	<i>Allocasuarina littoralis</i>	Black She Oak	330	6	10	M	N	A2	
610	<i>Syncarpia glomulifera</i>	Turpentine	150	3	9	Mat	L	Z10	
611	<i>Allocasuarina littoralis</i>	Black She Oak	200	4	11	M	L	Z8	
612	<i>Syncarpia</i>	Turpentine	90	2	5	M	L	Z8	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
	<i>glomulifera</i>								
614	<i>Eucalyptus sideroxylon</i>	Red Ironbark	300	6	9	M	L	Z4	
615	<i>Pittosporum undulatum</i>	Sweet Pittosporum	130	4	6	M	L	Z8	
616	Removed	Weed species							
617	<i>Angophora floribunda</i>	Rough – barked Apple	180	5	8	M	L	Z3	
618	Removed	Weed species							
619	Removed	Weed species							
620	Removed	Weed species							
621	Removed	Weed species							
622	Removed	Weed species							
623	<i>Acacia parramattensis</i>	Parramatta Green Wattle	200	3	5	M	N	A1	
624	<i>Acacia parramattensis</i>	Parramatta Green Wattle	200	23	5	M	N	A1	
625	<i>Allocasuarina littoralis</i>	Black She Oak	150	1	6	M	N	A1	
626	<i>Allocasuarina littoralis</i>	Black She Oak	140	2	4	M	N	A1	
627	<i>Acacia parramattensis</i>	Parramatta Green Wattle	150	3	4	M	N	A1	
628	<i>Acacia parramattensis</i>	Parramatta Green Wattle	150	3	4	M	N	A1	
630	<i>Allocasuarina littoralis</i>	Black She Oak	200	2	7	M	N	A1	
631	<i>Eucalyptus saligna</i>	Sydney Blue Gum	400	9	14	M	L	A1	
632	<i>Allocasuarina littoralis</i>	Black She Oak	400	7	12	M	L	Z3	
633	<i>Allocasuarina littoralis</i>	Black She Oak	200	4	9	M	L	Z3	
634	<i>Allocasuarina littoralis</i>	Black She Oak	200	4	7	M	N	Z3	
635	<i>Allocasuarina littoralis</i>	Black She Oak	120	2	7	M	L	A1	
636	<i>Allocasuarina littoralis</i>	Black She Oak	80	2	4	M	N	A1	
637	<i>Allocasuarina littoralis</i>	Black She Oak	240	5	7	M	N	Z3	

Tree No	Species	Common name	Trunk diameter (mm)	Canopy spread (m)	Height	Maturity	Vigour	Retention category	Notes
638	<i>Eucalyptus haemastoma</i>	Scribbly Gum	250	6	8	M	L	A1	
639	<i>Eucalyptus haemastoma</i>	Scribbly Gum	600	8	11	M	N	A1	
640	<i>Allocasuarina littoralis</i>	Black She Oak	200	3	5	M	N	A1	
641	<i>Allocasuarina littoralis</i>	Black She Oak	140	2	5	M	N	A1	

Appendix 3. TreeAZ

Z **Trees not worthy of being a material constraint:** Not suitable for retention for more than 10 years

Small, young or regularly pruned trees/hedges: Trees that could be easily/realistically replaced in the short term

Z1	Small – young – Poor Form
Z2	Weed Trees

High risk: Trees that would be removed within 10 years because of declining health or poor structural condition

Z3	Dead, dying, diseased or declining
Z4	Severe damage/structural defects that cannot be properly addressed by remedial care including cavities, decay, included bark, wounds and excessively unbalanced
Z5	Present or future instability because of poor anchorage or increased exposure

Good management: Trees that would be severely pruned or removed within 10 years through responsible management

Z6	Severe damage/structural defects that can be temporarily addressed by remedial care including cavities, decay, included bark, wounds and excessively unbalanced
Z7	Poor trees with no realistic potential to improve
Z8	Adversely interfering with adjacent trees
Z9	Overgrown hedge or row of trees vulnerable to adverse weather events
Z10	Causing unreasonable inconvenience to existing properties (light, dominance, debris, interference, etc)
Z11	Causing damage to existing structures
Z12	Unacceptably expensive to retain

A **Trees worthy of being a material constraint:** Suitable for retention for more than 10 years (**Note:** This excludes small and young trees)

A1	No significant defects and could be retained with minimal remedial care
A2	Minor defects that could be addressed by limited remedial care or work to adjacent trees
A3	Special significance for historical, commemorative or rarity reasons that would warrant extraordinary efforts to retain for more than 10 years
A4	Trees that may have legislative protection for ecological reasons (Advisory and will require specialist investigation)

NOTES

- 1 Trees that are very good examples of category A can be noted as AA and trees that are the worst examples of category Z can be noted as ZZ summarised as follows:-

AA Most suitable for retention
A Suitable for retention
Z Not particularly suitable for retention
ZZ Unsuitable for retention



TreeAZ Explanatory Notes

We have applied Barrell's TreeAZ system of tree assessment on redevelopment sites which has evolved from Barrell's SULE system.

Trees have been assessed for their suitability for retention and categorised either as suitable, calling them 'A' trees, or unsuitable, calling them 'Z' trees. Trees that are very good examples of the A category are shown as AA and trees that are very poor examples of the Z category are shown as ZZ.

These categories are divided into further numbered subcategories that clarify the reason for allocation to the main category. The assessment of whether a tree is suitable or not for retention is based on whether it has a safe useful life expectancy (SULE) of more or less than 10 years. Ten years is the cut off point because it is generally accepted that a tree should have a SULE in excess of 10 years if it is suitable for inclusion in a TPO.

After compilation of a TreeAZ assessment an overall review of each development site is undertaken. For example, trees that have been assessed as an A category may need to be removed for the redevelopment of the site, or to ensure the healthy retention of an AA category tree. Additionally trees that are in the Z category can sometimes be retained if there is sufficient space and maintenance resources.

