

Arborist Impact Assessment

Proposed Newcastle Golf Course Retirement Village
4A Vardon Road, Fern Bay, NSW



Prepared for: Principle Living

December 2023

AEP Ref: 2313.05

Revision: 02

Document Control

Document Name	Arborist Impact Assessment for Proposed Newcastle Golf Course Retirement Village 4A Vardon Road, Fern Bay, NSW
Project Number	2313
Client Name	Principle Living
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Revision

Revision	Date	Author	Reviewed	Approved
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01	05/11/2023	John Atkins	Natalie Black	John Atkins
02	11/12/2023	John Atkins	Natalie Black	John Atkins

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Revision	Date	Name	Organisation
00	08/09/2023	Chris Old	Principle Living
01	05/11/2023	Chris Old	Principle Living
02	11/12/2023	Chris Old	Principle Living

Disclaimer

Direct observations are relevant only to the trees identified within this report. This report utilizes a rapid assessment of tree health and condition to inform retention value. This assessment of tree health and condition is based on non-destructive visual observations from ground level. Thus, it is not possible to identify all structural faults at high levels in the tree, internal structural faults or within the root system. Observations about Tree Health, Structure, Safe Useful Life Expectancy (SULE) and other characteristics have been made at the time of assessment and these characteristics may change over time due to natural growth of the tree as a living organism or due to unforeseen events. As such the observations that are supplied within are relevant for a period of 12 months from the time of assessment, after which re-assessment may be required for the trees assessed within this report. The recommendations and methodologies for Tree Protection within this report are relevant only to the Trees assessed within this report. The author is not responsible for tree damage related to failure to apply these recommendations or methodologies for Tree Protection in full within this report or for tree damage relating to works conducted by an unaffiliated person. No responsibility for damage to persons or property is accepted for damage by trees referred to within this report.

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1.0 Introduction

1.1 Background

At the request of Principle Living (the client), Anderson Environment & Planning (AEP) have prepared an Arborist Impact Assessment to address the potential arboricultural impacts from the proposed construction of a Retirement Village and associated civil infrastructure (the Proposal) at 4A Vardon Road, Fern Bay NSW (the Subject Site).

This report considers the Biodiversity Development Assessment Report (BDAR) undertaken for this development (AEP 2023).

1.2 Objectives

Further to the above the following objectives for this report have been assigned:

- Tree identification plan and schedule identifying tree species, size, canopy spread and other dimensions;
- Assessment of all internal trees within the Subject Site, including, but not limited to, the health and vigour of the trees, structural integrity, life expectancy, retention value and landscape significance;
- Likely impact the proposed development will have on assessed trees, including TPZ and SRZ encroachments; and
- Tree protection plan and methodologies throughout the development for all impacted trees to be retained.

2.0 Site Description and Locality

Table 1 provide the site details for the Subject Site.

Table 1: Site Particulars

Detail	Comments
Client	Principle Living
Address	4A Vardon Road, Fern Bay, NSW 2295
Title(s)	Lot 105 DP 614883 and Lot 4 DP 823114
Subject Site	<p>The subject site comprises of approximately 6.13ha, requiring the clearing of approx. 2.0ha. This report assesses vegetation throughout the site for suitable retention. The vegetation within the subject site has been determined through recent field surveys as the following vegetation communities.</p> <ul style="list-style-type: none"> • PCT 1646 – <i>Smooth-barked Apple - Blackbutt - Old Man Banksia woodland on coastal sands of the Central and Lower North Coast</i>; • PCT 1724 - <i>Broad-leaved Paperbark - Swamp Oak - Saw Sedge swamp forest on coastal lowlands of the Central Coast and Lower North Coast</i>. • PCT 1727 - <i>Swamp Oak - Sea Rush - Baumea juncea swamp forest on coastal lowlands of the Central Coast and Lower North Coast</i>. • PCT -771 - <i>Coast Banksia - Coast Tea-tree low moist forest on coastal sands and headlands, Sydney Basin Bioregion and South East Corner Bioregion</i>.
LGA	Port Stephens
Zoning	Under the <i>Port Stephens Local Environmental Plan 2013</i> (the LEP), the Subject Site is zoned RE2 – Private Recreation.

Detail	Comments
Current Land Use	The Subject Site exists as a functioning Golf Club. The site encompasses large areas of managed turf, a club house, car park and associated sheds. Two (2) dams and a number of engineered drains/creeks are present on site as are large areas of intact native vegetation and to a lesser degree, areas dominated by exotic species.
Surrounding Land Use	The Subject Site is bounded to the west by Nelson Bay Road, an area of residential development and beyond that the Hunter Wetlands National Park, a Ramsar listed wetland and the Hunter River Channel. Land to the south contains the residential suburb of Fern Bay, land to the east and north of the Subject Site is the existing operational golf course. Beyond the golf course to the southeast and east comprises Worimi Regional Park with large areas of continuous native vegetation. To the north of the Subject Area is Bayway Village, an over 50s lifestyle development.
Soil	The Subject site is predominately within the Hawks Nest Soil Landscape characterised by loose speckled grey brown loamy sand (A1 horizon) and loose bleached sand (subsoil - A2 Horizon). A minor area in the north-west corner of the Subject Area (Approx. 3.27 ha) is within the Lower Pindimar Soil Landscape characterised by loose brownish black loamy sand (topsoil – A horizon) and bleached loose sand (subsoil – A2 horizon). (eSpade, 2023).

3.0 Proposed Development

The proposal is a Seniors Living Development covering an area of approximately 6.14ha and includes the following key components:




- Site preparation & establishment activities – clearing existing vegetation, demolition of existing golf course via earthworks, bulk earthworks;
- Establishment of vehicular access from Nelson Bay Road;
- Construction and occupancy of a seniors living development comprising;
- Three (3) apartment buildings containing 125 serviced self-care dwellings;
- Forty seven (47) single storey (villas) serviced self-care dwellings;
- Carparking - 295 spaces across the site with each villa being provided with a double garage (94 spaces) and 201 basement carparking spaces within the three apartment buildings;
- Provision of pedestrian and vehicular access to and from the site;
- Establishment of a Community centre & administration building;
- Pickle ball courts, lawn bowls facility, open space, landscaping, picnic shelter, public art, open lawn area for passive recreational activities and formal striking planting;
- Civil works including internal access roads, pedestrian linkages to Nelson Bay Road and the golf club; and
- Connection to Country 'Keeping Place'.

Figure 1 depicts the extent of the Subject Site overlain on an aerial photograph of the locality.

Figure 2 shows a concept plan for the proposed development.

Disclaimer: While all reasonable care has been taken to ensure the information shown on this map is up to date and accurate, no guarantee is given that the information portrayed is free from error or omission. Please verify the accuracy of all information prior to use.

Legend

-  Cadastre
-  Lot Boundary
-  Development Footprint



0 100 200 m

Note:
1. Boundaries are not survey accurate
2. Do not scale off the plan



AEP

Figure 1 - Site Location

Date: September 2023

Location: 4 Vardon Road, Fern Bay, NSW

Client: Principal Living

AEP ref: 2313.04

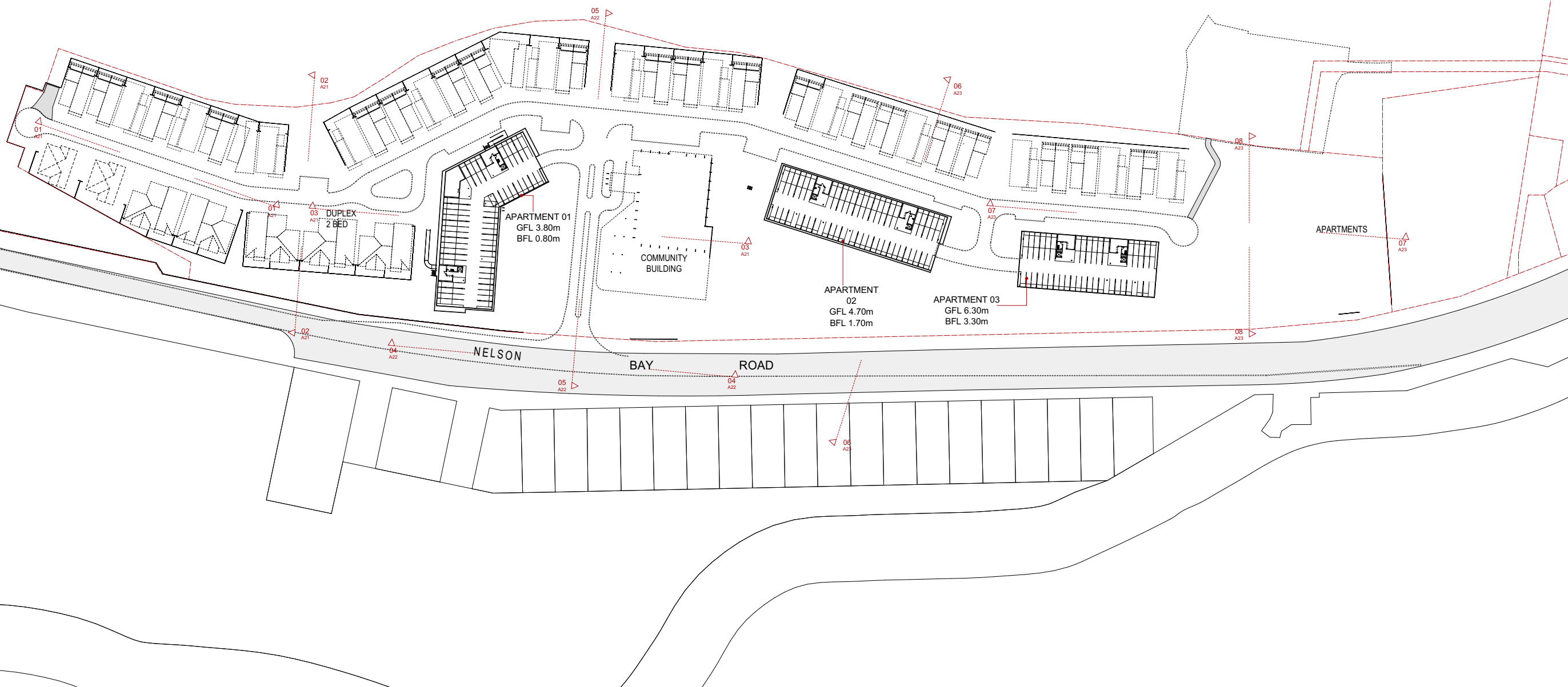


AC	AIR CONDITIONING - REFER TO MECHANICAL DOCUMENTATION
BAL	BALLUSTRADE
BC	BABY CHANGE TABLE
BF	BI-FOLD DOOR
BG	BOX GUTTER
BIN	GARBAGE BIN
BLK	CONCRETE BLOCKWORK
BRK	BRICKWORK
BOL	BOLLARD
BS	BENCH SEAT
BTH	BATHTUB
CLD	CLADDING
CLS	CLOTHESLINE
COL	COLUMN - REFER TO STRUCTURAL DOCUMENTATION
CONC	CONCRETE
COS	CONFIRM ON SITE
CPC	CONCRETE PARAPET CAPPING

CPT	CARPET
CR	CEMENT RENDER
DD	DOWNPIPE - REFER TO HYDRAULIC DOCUMENTATION
EG	EAVES GUTTER - REFER TO HYDRAULIC DOCUMENTATION
EPF	EPoxy FLOORING
FB	FACE BRICK
FC	FIBRE CEMENT SHEETING
FE	FIRE EXTINGUISHER
FFL	FINISHED FLOOR LEVEL
FG	FIXED GLASS
FGH	FIRE HYDRANT - REFER TO HYDRAULIC DOCUMENTATION
FHR	FIRE HOSE REEL - REFER TO HYDRAULIC DOCUMENTATION
FI	FIRE INDICATOR PANEL TO CONSULTANTS REQUIREMENTS
FR	FIRE RESISTANCE
FRP	FIREPLACE
FT	FLOOR TILES
FW	FLOOR WASTE

G	GLASS
GL	GLASS LOUVRES
GR	GRAB RAIL
GRD	GARAGE DOOR
GW	GLASS WINDOW
HB	HAND BASIN
HD	HINGED DOOR
HDR	HAND DRYER
HWS	HOT WATER SYSTEM
LDL	DOWNLIGHT
LDY	LAUNDRY
LPN	PENDANT LIGHT
LVR	LOUVRE
WL	WALL LIGHT
M	MIRROR
MRS	METAL ROOF SHEETING
MWS	METAL WALL SHEETING

MWS	METAL WALL SHEETING
PB	PLASTERBOARD
PCT	POWDERCOAT
PS	POST - TIMBER
PT	PAINT FINISH
PTN	PARTITION
REF	REFRIGERATOR
RWT	RAINWATER TANK
SC	STONE CLADDING
SD	SLIDING DOOR
SJ	SILICONE JOINT
SWJ	SLIDING WINDOW
SP	SPANDREL PANEL
SHR	SHOWER
SKL	SKYLIGHT
#	No. DENOTES TYPE AS SCHEDULED



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PRINCIPLE
LIVING

REV	DATE	COMMENTS
A	9/01/2023	Preliminary DA set for review
B	20/09/2023	Consultant Issue
C	30/10/2023	Preliminary DA Issue
D	24/11/2023	Development Application Issue

DRN	CHKD	VRFB
JY	MR	
RE	MR	
RE	MR	
RE	MR	MR

PROJECT : APPERLY VILLAGE

CLIENT : PRINCIPLE LIVING
SUITE 3, 317 HUNTER ST,
NEWCASTLE, NSW, 2300

SITE : 4 VARDON ROAD,
FERN BAY, NSW 2259

DRAWING : **OVERALL PLAN -
BASEMENT LEVEL**

WORK IN FIGURED DIMENSIONS IN PREFERENCE TO SCALE. CHECK DIMENSIONS AND LEVELS ON SITE PRIOR TO THE ORDERING OF MATERIALS OR THE COMPLETION OF WORKSHOP DRAWINGS. IF IN DOUBT ASK. REPORT ALL ERRORS AND OMISSIONS.

FILENAME : 11586 - Newcastle Golf AMENDED MASTERPLAN_2023
DRAWN : DATE : SCALES @A3 :
JY/RE 24/11/2023 1:2000

PROJECT No : **11586** PHASE : **DA** DRAWING No : **A14** REV : **D**



4.0 Methodology

The arborist site survey was undertaken on the 1st, 3rd, 4th, 7th and 8th of February 2022, and the 22nd, 23rd, 24th and 29th of August 2023. Each tree observed within the Subject Site was assigned a unique tree number. Tree species were identified based on guidance from regional identification guides (Fairley and Moore 1989, Robinson 2003), and descriptions and records provided by the Royal Botanic Gardens (Plantnet 2023).

4.1 Visual Tree Assessment

A visual tree assessment to evaluate the health and condition of these trees in relation to the impacts of the proposed development was undertaken from ground level following the methodology described by Mattheck and Breloer (1994). Tree height was estimated following the guidance outlined in the Private Native Forestry Code of Practice (DECC 2007) and confirmed with a laser range finder. The Diameter at Breast Height (DBH) and Diameter Above Buttress (DAB) was determined using a DBH tape and methods of calculation for the Structural Root Zone (SRZ) and Tree Protection Zone (TPZ) applied as outlined in Australian Standard 4970-2009 *Protection of trees on development Sites* (AS 4970 – 2009) (Standards Australia 2009). Tree Total Canopy Area was estimated from the formula $\pi \times (\text{average canopy spread})^2$.

4.2 SULE

The SULE method (Safe Useful Life Expectancy) estimates the suitability of the tree in the urban landscape based on the species and age of the subject tree (Barrell 1996). The following ranges have been allocated to each assessed tree:

- Greater than 40 years (Long);
- Between 15 and 40 years (Medium);
- Between 5 and 15 years (Short);
- Dead, dying, suppressed, defective or damaged (Remove); and
- Less than 5m in height or 15 years of age (Young or small tree).

A full explanation of SULE methodology is included in **Appendix B**.

4.3 Tree Retention Value

To determine tree Retention Value a Landscape Significance Rating (LSR) was assigned to each tree. The LSR value provides consideration of the tree's amenity, environmental and heritage values (refer **Appendix B**). Trees are then assigned one of the following LSR categories:

- Significant (1);
- Very High (2);
- High (3);
- Moderate (4);
- Low (5);
- Very Low (6); and
- Insignificant (7).

Once the landscape significance value has been determined the following assessment matrix that utilises estimated life expectancy and landscape significance (**Table 2**) was applied to each tree.

Table 2: Tree Retention Status Matrix Assessment matrix adopted from Morton (2006).

Landscape significance rating							
Estimated Life Expectancy	1	2	3	4	5	6	7
Greater than 40 Years	High						
15 to 40 Years				Moderate			
5 to 15 Years				Low			
Less than 5 Years					Very low		
Dead or Hazardous							

4.4 Limitations

This report utilises a rapid assessment of tree health and condition to inform retention value. Should a detailed assessment of tree structural health and condition be required a tree risk assessment report should be commissioned.

This assessment of tree health and condition is based on non-destructive visual observations from ground level. Thus, it is not possible to identify all structural faults at high levels in the tree, internal structural faults or within the root system. Should a detailed assessment for structural faults be required a tree risk assessment report should be commissioned.

Weather conditions such as extreme wind, storm activity, lightning as well as other events or disturbances independent of the proposed activities are unpredictable. Unforeseeable damage to trees may occur as a result of unpredictable or unplanned weather events or disturbances.

Tree identifications are based on identifying features (fruit, inflorescence, etc.) found and observed during February and August made at ground level from within the Subject Site.

The total canopy area for each tree utilised within this report is an estimation based on field observation of canopy spread and the true amount of canopy area may differ.

Tree identified within by this plan are located to GPS accuracy and there may be some minor discrepancy in the true location.

Impact assessment was based to limited concept design confined to identification of the approximate proposal footprint at the time of preparation of this report. Variation of this concept design will alter some of the recommendations, and this report should be updated to reflect these changes.

5.0 Tree Assessment Results

A total of 852 trees within the site were assessed. Observations were made for each assessed tree (**Appendix A**). Tree locations are shown in **Figure 3**.

5.1 Summary of Tree Condition and Characteristics

The condition of the assessed trees includes 66 in poor or dead condition, 358 in fair condition and 428 in good condition.

5.2 Summary of Landscape Significance and Retention Value

The following landscape significance ratings (LSRs) have been applied to the assessed trees;

- 90 'Significant', as key indicator species of the EEC PCT 1727 (*Casuarina glauca* and *Melaleuca stypheliodes*);
- 24 'Very High' due to being native remnant species that are not key indicator species of an EEC with a large canopy size;
- 623 'High', due to being native remnant species that are not key indicator species of an EEC;
- 57 'Moderate', as non -endemic native or exotic cultivar species of higher visibility;
- 32 'Low', as exotic species of lower visibility or low environmental value or non-hollow bearing stag (standing dead) trees; and
- 28 'Very Low' as identified environmental weeds.

With consideration of the estimated life expectancy for each tree, Retention Values were assigned to each tree within the site. This identified the following:

- 267 'High';
- 517 'Moderate';
- 66 'Low'; and
- Two (2) 'Very Low' Retention Value Trees.

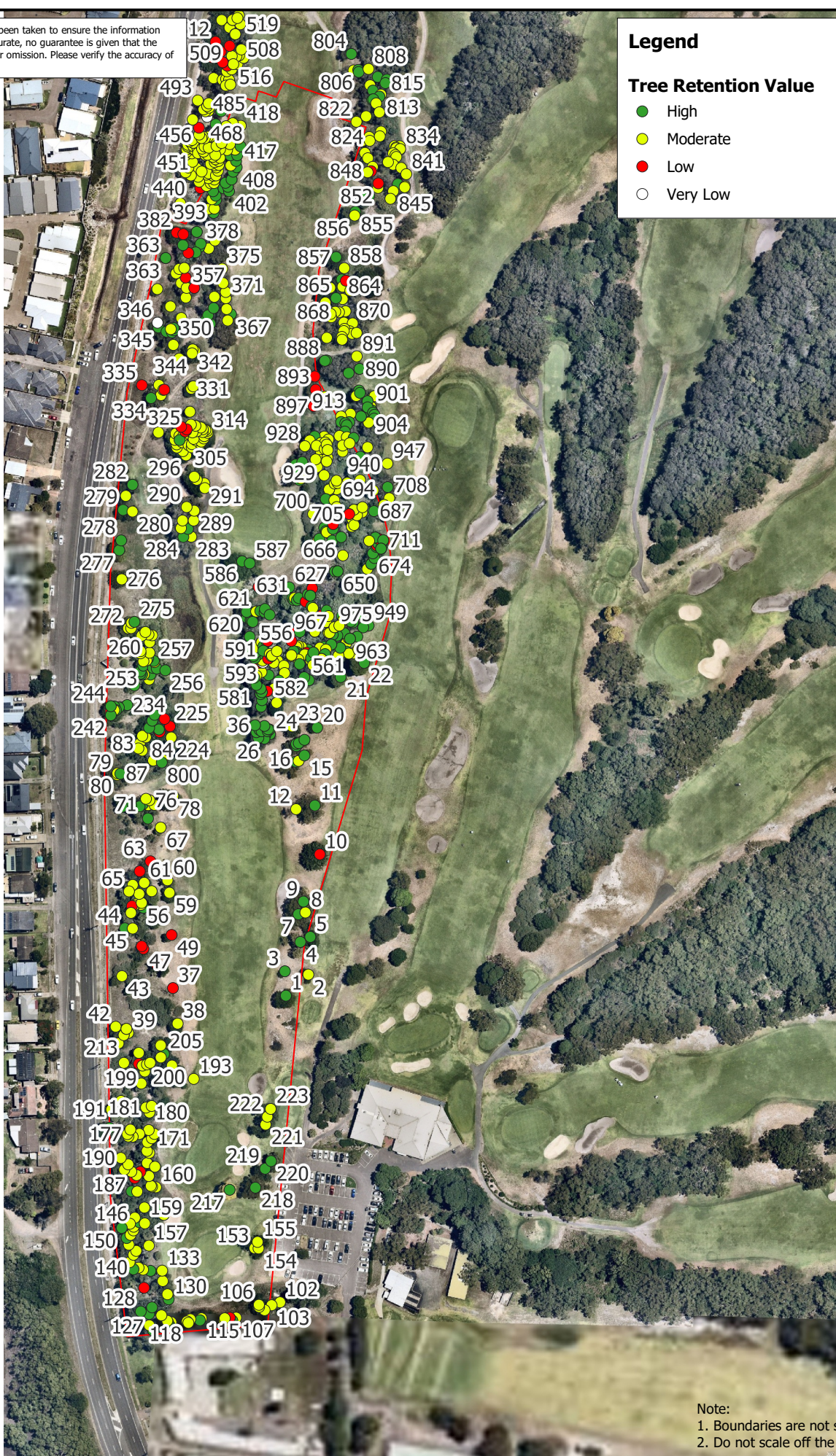
Hollows were observed in four (4) of the assessed trees.

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Legend

Tree Retention Value

- High
- Moderate
- Low
- Very Low



0 25 50 m



Note:
1. Boundaries are not survey accurate
2. Do not scale off the plan



AEP

Figure 3 - Tree Locations

Date: September 2023

Location: NGC, 4a Vardon Rd, Fern Bay, NSW

Client: Principle Living

AEP ref: 2313.05

6.0 Tree Impact Assessment

6.1 Proposal Impacts

Upon review of the supplied proposal footprint, four hundred and thirty-five (435) trees will require removal as they are located within the development footprint. These include:

- 157 High;
- 244 Moderate;
- 32 Low; and
- Two (2) Very Low Retention Value Trees.

These trees will require removal to facilitate the development. Impacts are unlikely to be mitigated through tree protection measures without major design changes, and tree stability and viability cannot be guaranteed.

Impacts upon the local environment by tree removal within this report have already been considered in an Ecological Assessment Report for this site (AEP, 2023).

A further 417 Trees can be retained within close proximity to the development footprint. The following relates to tree protection for these trees.

TPZ fencing will be required for the duration of works to protect assessed and unassessed trees on the eastern boundary.

Table 3 provides a summary of impact assessment.

Table 3 Summary of Impact Assessment

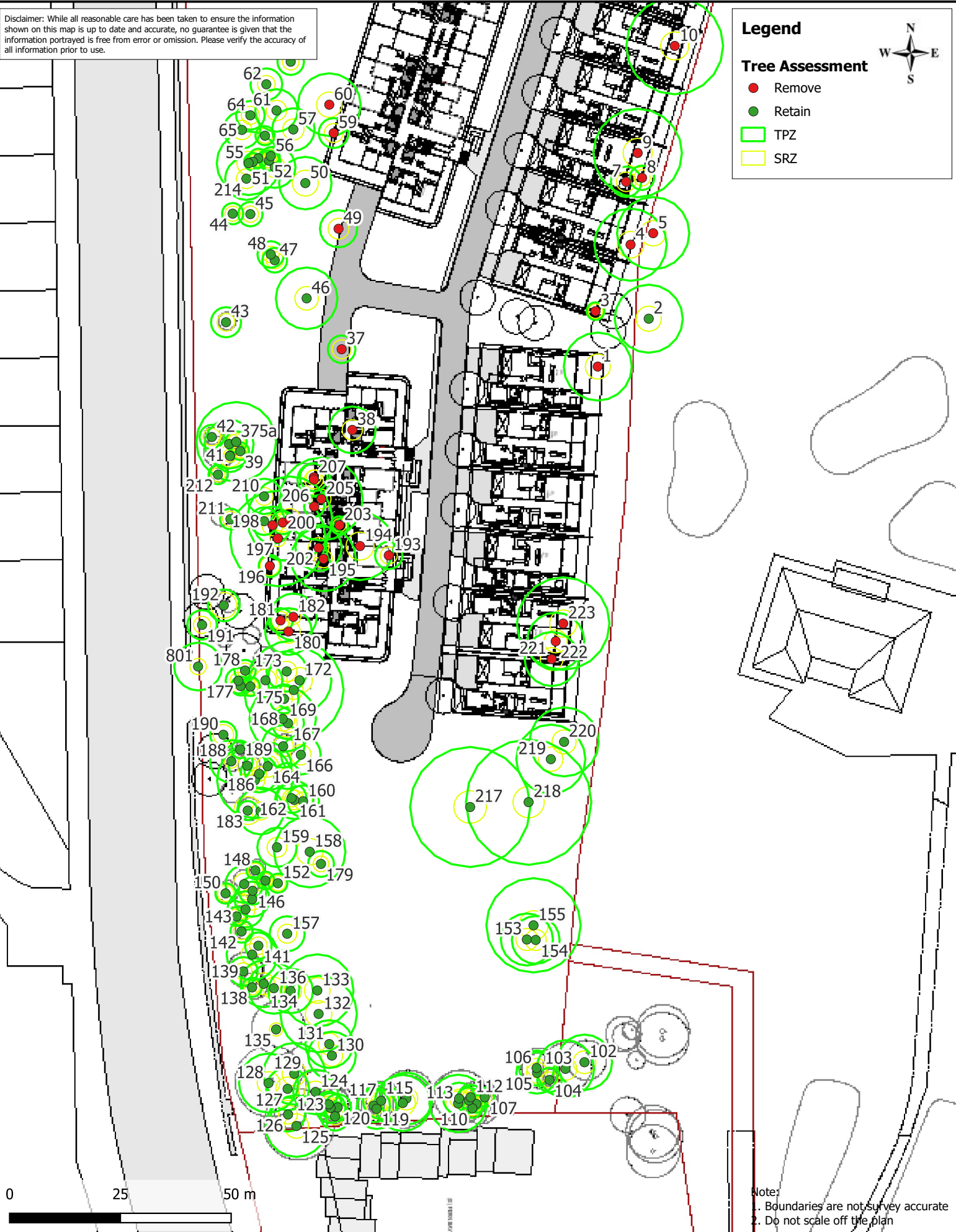
Tree Assessment	Retention Value (Tree No)				Total
	High	Moderate	Low	Very Low	
Remove (Development Footprint)	Trees 1, 3, 4, 5, 7, 9, 11, 13, 15, 16, 17, 18, 19, 20, 21, 22, 205, 245, 247, 249, 251, 252, 253, 254, 255, 256, 258, 259, 275, 282, 284, 285, 324, 325, 347, 348, 349, 350, 364, 365, 366, 367, 368, 377, 378, 379, 384, 386, 387, 392, 394, 395, 401, 402, 403, 404, 405, 407, 408, 410, 411, 412, 414, 541, 542, 554, 558, 559, 560, 564, 572, 576, 577, 578, 579, 580, 581, 582, 585, 586, 587, 588, 595, 596, 597, 598, 599, 601, 603, 604, 606, 611, 612, 613, 614, 615, 619, 620, 622, 623, 624, 625, 627, 628, 630, 632, 633, 635, 637, 639, 647, 648, 649, 650, 651, 652, 654, 655, 657, 658, 659, 663, 664, 666, 672, 673, 674, 675, 677, 679, 682, 687, 701, 702, 711, 712, 713, 919, 922, 948, 955, 958, 962, 963, 964, 967, 976, 979, 984, 985, 988, 991, 992, 995, 1000, 1003, 8, 12, 14, 23, 38, 59, 60, 180, 181, 182, 193, 194, 195, 196, 197, 199, 200, 201, 202,	Trees 8, 12, 14, 23, 38, 59, 60, 180, 181, 182, 193, 194, 195, 196, 197, 199, 200, 202, 203, 206, 207, 208, 221, 222, 223, 246, 248, 257, 260, 261, 262, 263, 264, 266, 267, 268, 269, 270, 272, 273, 274, 283, 286, 287, 288, 289, 290, 291, 292, 293, 294, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 329, 330, 331, 332, 333, 337, 339, 340, 341, 342, 344, 351, 352, 353, 354, 356, 360, 361, 362, 363, 369, 370, 371, 372, 373, 374, 375, 376, 385, 390, 391, 393, 398, 399, 400, 409, 413, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 458, 463, 464, 471, 472, 473, 474, 539, 555, 556, 557, 562, 563, 565, 566, 567, 568, 569, 571, 573, 574, 583, 584, 590, 591, 593, 600, 602, 607, 608, 609, 610, 621, 631, 636, 653, 656, 660, 662, 667, 668, 669, 671, 680, 683, 684, 685, 686, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 703, 704, 823, 826, 921, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 940, 941, 953, 954, 960, 966, 970, 972, 973, 974, 975, 977, 978, 980, 981, 982, 986, 987, 993, 994, 996, 997, 998, 999, 1001, 1002.	Trees 10, 37, 49, 201, 326, 327, 328, 338, 336, 358, 359, 380, 383, 397, 561, 575, 589, 592, 594, 605, 616, 617, 618, 626, 634, 638, 665, 676, 678, 705, 897, 959.	Trees 895, 896	435
Total Tree Removal	157	244	32	2	435
Retain	Trees 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 35, 36, 41, 44, 51, 68, 71, 72, 73, 74, 81, 82, 108, 116, 121, 122, 125, 127, 128, 129, 130, 134, 138, 143, 147, 150, 158, 183, 217, 218, 219, 220, 227, 228, 229, 231, 234, 235, 237, 240, 242, 244, 271, 277, 278, 279, 345, 363, 381, 481, 492, 707, 800, 801, 804, 806, 807, 809, 812, 814, 815, 816, 817, 818, 842, 853, 854, 855, 857, 859, 865, 880, 887, 888, 889, 890, 898, 900, 903, 904, 905, 906, 907, 908, 909, 911, 912, 914, 916, 917, 918, 942, 943, 946, 949, 950, 951, 952, 956, 961.	Trees 39, 42, 43, 45, 50, 52, 53, 54, 56, 57, 58, 61, 65, 67, 75, 64, 70, 76, 77, 78, 79, 80, 83, 84, 85, 86, 87, 88, 102, 103, 104, 105, 106, 107, 110, 111, 113, 114, 115, 117, 118, 119, 120, 123, 124, 126, 131, 132, 133, 136, 137, 139, 140, 141, 142, 144, 145, 146, 148, 149, 152, 153, 154, 155, 157, 159, 160, 161, 162, 163, 165, 166, 167, 168, 169, 171, 172, 173, 174, 175, 176, 177, 178, 179, 186, 187, 188, 189, 190, 191, 192, 204, 210, 211, 212, 213, 214, 216, 224, 241, 276, 280, 281, 355, 357, 375a, 389, 436, 437, 438, 439, 440, 441, 442, 443, 444, 446, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 465, 467, 468, 469, 475, 476, 477, 478, 479, 480, 484, 486, 487, 488, 489, 490, 491, 493, 494, 495, 496, 497, 498, 499, 501, 502, 503, 504, 505, 506, 507, 508, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 689, 708, 709, 710, 802, 805, 808, 810, 811, 813, 819, 820, 821, 822, 824, 825, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 843, 844, 845, 846, 847, 848, 849, 851, 856, 858, 860, 861, 863, 864, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 881, 882, 883, 884, 885, 886, 891, 894, 899, 901, 902, 910, 913, 915, 920, 939, 944, 945, 957, 947, 968, 969, 971, 983, 1004,	Trees 40, 46, 47, 48, 55, 62, 63, 112, 135, 164, 185, 186, 198, 225, 226, 232, 334, 335, 346, 382, 482, 485, 509, 510, 511, 512, 513, 514, 527, 850, 852, 862, 892, 893.		417
Total Tree Retention	110	273	34	0	417

Disclaimer: While all reasonable care has been taken to ensure the information shown on this map is up to date and accurate, no guarantee is given that the information portrayed is free from error or omission. Please verify the accuracy of all information prior to use.

Legend

Tree Assessment

- Remove
- Retain
- TPZ
- SRZ



Notes:
 1. Boundaries are not survey accurate
 2. Do not scale off the plan



AEP

Figure 4 - Tree Assessment (South)

Date: September 2023

Location: NGC, 4a Vardon Rd, Fern Bay, NSW

Client: Principle Living

AEP ref: 2313.05

Disclaimer: While all reasonable care has been taken to ensure the information shown on this map is up to date and accurate, no guarantee is given that the information portrayed is free from error or omission. Please verify the accuracy of all information prior to use.

Legend

Tree Assessment

- Remove
- Retain
- TPZ
- SRZ



NELSON BAY ROAD

0

25 50 m

Note:

1. Boundaries are not survey accurate
2. Do not scale off the plan



AEP

Figure 5 - Tree Assessment (Central)

Date: September 2023

Location: NGC, 4a Vardon Rd, Fern Bay, NSW

Client: Principle Living

AEP ref: 2313.05

Disclaimer: While all reasonable care has been taken to ensure the information shown on this map is up to date and accurate, no guarantee is given that the information portrayed is free from error or omission. Please verify the accuracy of all information prior to use.

Legend

Tree Assessment

- Remove
- Retain
- TPZ
- SRZ



Figure 6 - Tree Assessment (North)

Date: September 2023

Location: NGC, 4a Vardon Rd, Fern Bay, NSW

Client: Principle Living

AEP ref: 2313.05



AEP

7.0 Recommendations

7.1 Tree Retention and Removal

- Trees designated for removal within this report as outlined in **Section 6** should be removed by a qualified tree worker with appropriate professional liability insurance, and removed in a manner to prevent damage to retained trees.
- Trees designated for retention within this report as outlined in **Section 6** to the development footprint should be retained with Tree Protection Measures.

7.2 Tree Protection Measures

- All tree maintenance and pruning works should be carried out by a qualified tree worker in accordance with AS4373 –2007 Pruning of Amenity Trees. and the Code of Practice Amenity Tree Industry August 2007
- A continuous TPZ fence should be installed for retained trees. The TPZ shall be delineated by a 1.8m interlocking chain wire fence located around trees designated to be retained within close proximity to the Works, in accordance with AS 4687. **Appendix D** details tree protection fencing that should be implemented.
- TPZ fencing must be installed before the commencement of any Works. The fencing should not be removed or altered until after the completion of works.
- All Contractors working in close proximity to the TPZ of Trees to be retained should be briefed as to the requirements of the Tree Protection Zone.
- The TPZ fencing and zone should be certified by the project arborist before construction commences.
- Tree health and condition should be monitored by the project arborist at regular stages during construction, at practical completion of construction, and after completion.
- Tree tags should remain in place on retained trees until after tree removal, construction and tree pruning works have been completed.
- The following activities should be avoided within the TPZ of trees to be retained where practicable:
 - Machine excavation of soil including trenching;
 - Operation of heavy equipment;
 - Stockpiling of soils;
 - Storage of heavy or other equipment;
 - Parking of vehicles;
 - Wash down and cleaning of equipment;
 - Excavation for silt fencing;
 - Dumping of waste;
 - Change of soil level or gradient; and
 - Covering with concrete, impermeable, or compacted surfaces.
- Where works are required that encroach into TPZ of trees to be retained, additional protection measures, which include trunk and low branch guards, and ground protection measures should be implemented following guidance in Australian standard AS 4970 – 2009 *Protection of trees*

on *development Sites* (**Appendix D**). These works should only be conducted under supervision of the project arborist. The use of “soft” construction methods including manual and vacuum removal of soils is recommended for works conducted within the TPZ of Trees to be retained.

7.3 Other Recommendations

- Clothing, equipment and boots should be clean and sanitised prior to each site visit to prevent onsite introduction of plant pests and diseases such as Myrtle rust.
- Vehicles and construction equipment should utilise designated entry and egress points to avoid potential of impacts on Trees to be retained.

8.0 Conclusion

The recommendations for tree retention and removal have been made with consideration of minimising Arboricultural impacts.

Based on the tree retention and removal proposed above the current proposal footprint will require the direct removal of 435 of the assessed trees, while 417 assessed trees can be retained within the site.

Please note that assessment of tree removal and retention has been made with regards to a limited concept plan. These recommendations may be subject to change once further design and engineering detail has been prepared and this report will require updating in accordance with these changes.

The implementation of a detailed Tree Protection Plan and Tree Protection measures will be an essential part of the Construction Environment Management Plan to avoid further loss of trees in close proximity to the construction footprint.

We trust this meets your requirements. Should you require further details or clarification, please do not hesitate to contact the undersigned or Natalie Black, Senior Environmental Manager (0431 249 360).

Yours faithfully,



John Atkins

Senior Arborist

AQF5

0407 019 076

9.0 References

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Appendix A – Tree Schedule

Assessed Tree Schedule

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
1	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.64	0.69	8	7	9	7	7.75	189	10	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	7.7	2.8	Remove
2	<i>Banksia serrata</i>	Old Man Banksia	0.64	0.70	6	6	4	6	5.5	95	6	Moderate (15-40)	Mature	Fair	Poor	High	15-40	Moderate	7.7	2.8	Retain
3	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.14	0.19	3	3	3	3	3	28	4	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.0	1.6	Remove
4	<i>Alphitonia excelsa</i>	Red Ash	0.68	0.80	9	8	8	8	8.25	214	12	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	8.2	3.0	Remove
5	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.68	0.72	9	8	9	9	8.75	241	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	8.2	2.9	Remove
7	<i>Angophora costata</i>	Smooth-barked Apple	0.29	0.38	0	4	7	2	3.25	33	6	Short (5-15)	Semi-mature	Fair	Fair	High	40+	High	3.4	2.2	Remove
8	<i>Angophora costata</i>	Smooth-barked Apple	0.23	0.25	4	3	4	4	3.75	44	8	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.8	1.8	Remove
9	<i>Angophora costata</i>	Smooth-barked Apple	0.83	1.00	8	9	7	8	8	201	10	Moderate (15-40)	Mature	Good	Fair	Very High	40+	High	10.0	3.3	Remove
10	<i>Harpephyllum caffrum</i> *	Kaffir plum	0.91	0.91	8	8	8	8	8	201	9	Moderate (15-40)	Mature	Good	Fair	Low	15-40	Low	10.9	3.2	Remove
11	<i>Eucalyptus tereticornis subsp. tereticornis</i>	Forest Red Gum	1.22	1.65	10	8	10	7	8.75	241	10	Moderate (15-40)	Mature	Fair	Fair	Very High	15-40	High	14.6	4.1	Remove
12	<i>Eucalyptus fibrosa</i>	Broad Leaved Ironbark	0.25	0.26	3	2	3	4	3	28	10	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	3.0	1.9	Remove
13	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.61	0.60	0	3	8	8	4.75	71	7	Short (5-15)	Mature	Good	Fair	High	40+	High	7.3	2.7	Remove
14	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.21	3	3	3	3	3	28	5	Remove (<5)	Semi-mature	Good	Poor	High	15-40	Moderate	2.3	1.7	Remove
15	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.52	0.60	7	4	0	4	3.75	44	10	Short (5-15)	Mature	Good	Fair	High	40+	High	6.2	2.7	Remove
16	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.29	0.55	3	4	5	4	4	50	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.5	2.6	Remove
17	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.26	0.30	3	0	4	5	3	28	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.1	2.0	Remove
18	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.40	0.40	6	6	6	6	6	113	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.9	2.3	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
19	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.51	0.70	6	4	6	5	5.25	87	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	6.1	2.8	Remove
20	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.29	0.32	4	4	4	4	4	50	7	High (40+)	Mature	Good	Fair	High	40+	High	3.5	2.1	Remove
21	<i>Lophostemon confertus</i>	Brush Box	0.48	0.53	7	7	8	8	7.5	177	10	High (40+)	Mature	Good	Fair	High	40+	High	5.8	2.5	Remove
22	<i>Lophostemon confertus</i>	Brush Box	0.74	0.82	9	8	8	8	8.25	214	12	High (40+)	Mature	Good	Fair	High	40+	High	8.9	3.0	Remove
23	<i>Harpephyllum caffrum</i> *	Kaffir plum	0.43	0.65	7	7	7	6	6.75	143	8	High (40+)	Mature	Good	Fair	Low	40+	Moderate	5.2	2.8	Remove
24	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.35	4	3	3	2	3	28	8	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.0	2.1	Retain
25	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.40	1	2	3	1	1.75	10	8.5	Short (5-15)	Mature	Good	Fair	Significant	15-40	High	3.2	2.3	Retain
26	<i>Casuarina glauca</i>	Swamp Oak	0.29	0.48	1	3	4.5	4	3.125	31	6	Short (5-15)	Mature	Poor	Fair	Significant	15-40	High	3.5	2.4	Retain
27	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.45	1	1	5	3	2.5	20	9	Short (5-15)	Mature	Poor	Fair	Significant	15-40	High	2.2	2.4	Retain
28	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.45	2	1	4	3	2.5	20	10	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	3.6	2.4	Retain
29	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.40	3	2	1	1	1.75	10	10	Short (5-15)	Mature	Poor	Poor	Significant	15-40	High	3.6	2.3	Retain
30	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.28	2	4	3	2	2.75	24	8	Moderate (15-40)	Mature	Poor	Fair	Significant	15-40	High	2.6	1.9	Retain
31	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.18	1	3	3	1	2	13	7	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.0	1.6	Retain
32	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.25	2	5	1	1	2.25	16	8	Moderate (15-40)	Mature	Fair	Poor	Significant	15-40	High	2.0	1.8	Retain
33	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.50	2	4	3	1	2.5	20	8	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.5	2.5	Retain
35	<i>Casuarina glauca</i>	Swamp Oak	0.33	0.48	5	4	1	3	3.25	33	11	Moderate (15-40)	Mature	Fair	Good	Significant	15-40	High	4.0	2.4	Retain
36	<i>Casuarina glauca</i>	Swamp Oak	0.55	0.80	6	3	2	2	3.25	33	12	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	6.6	3.0	Retain
37	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.26	0.36	1	0	1	1	0.75	2	10	Short (5-15)	Mature	Poor	Fair	High	<5	Low	3.1	2.2	Remove
38	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.44	0.42	4	3	3	3	3.25	33	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.3	2.3	Remove
39	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.17	4	4	2	3	3.25	33	5	Moderate (15-40)	Semi-mature	Fair	Good	High	15-40	Moderate	2.0	1.6	Retain
40	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.00	0.00	0	0	0	0	0	0	0	Remove (<5)	Juvenile	Dead	Dead	Low	Dead	Low	0.0	1.5	Retain
41	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.46	0.50	6	6	6	7	6.25	123	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	5.5	2.5	Retain
42	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.23	0.29	4	3	1	4	3	28	6	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.8	2.0	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
43	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.28	0.30	4	4	3	4	3.75	44	5	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.4	2.0	Retain
44	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.20	0.21	3	3	4	3	3.25	33	5	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.4	1.7	Retain
45	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.23	0.25	3	4	3	4	3.5	38	5	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.8	1.8	Retain
46	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.58	0.60	4	5	3	3	3.75	44	9	Short (5-15)	Mature	Fair	Fair	High	<5	Low	7.0	2.7	Retain
47	<i>Acacia saligna</i> *	Golden Wreath Wattle	0.23	0.28	3	4	5	4	4	50	5	Moderate (15-40)	Mature	Good	Fair	Low	15-40	Low	2.8	1.9	Retain
48	<i>Acacia saligna</i> *	Golden Wreath Wattle	0.25	0.26	3	4	4	3	3.5	38	5	Short (5-15)	Mature	Fair	Fair	Low	15-40	Low	3.0	1.9	Retain
49	<i>Triadica sebifera</i> *	Chinese Tallowood	0.35	0.45	3	2	2	2	2.25	16	7	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	4.2	2.4	Remove
50	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.49	0.75	4	4	4	3	3.75	44	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.9	2.9	Retain
51	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.39	0.45	4	5	7	4	5	79	6	Short (5-15)	Mature	Good	Fair	High	40+	High	4.7	2.4	Retain
52	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.20	3	3	3	3	3	28	6	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.3	1.7	Retain
53	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.21	3	3	3	3	3	28	7	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.2	1.7	Retain
54	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.17	4	2	2	2	2.5	20	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
55	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.60	0.60	0	0	0	0	0	0	3	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	7.2	2.7	Retain
56	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.15	3	4	0	1	2	13	5	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.0	1.5	Retain
57	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.47	3	3	3	3	3	28	8	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	4.8	2.4	Retain
58	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.18	0.21	3	3	3	3	3	28	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.7	Retain
59	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.28	0.36	1	3	2	2	2	13	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	2.2	Remove
60	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.59	0.71	4	3	3	2	3	28	5	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	7.1	2.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
61	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.40	0.42	5	4	3	3	3.75	44	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.8	2.3	Retain
62	<i>Acacia saligna</i> *	Golden Wreath Wattle	0.30	0.30	2	2	2	3	2.25	16	8	Short (5-15)	Mature	Fair	Good	Low	15-40	Low	3.6	2.0	Retain
63	<i>Acacia saligna</i> *	Golden Wreath Wattle	0.25	0.26	4	5	4	4	4.25	57	4	Short (5-15)	Mature	Good	Fair	Low	15-40	Low	3.0	1.9	Retain
64	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.27	0.32	3	4	3	3	3.25	33	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.2	2.1	Retain
65	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.35	0.38	4	5	4	4	4.25	57	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	4.2	2.2	Retain
67	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.19	0.20	1	1	1.5	1	1.125	4	3.5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.7	Retain
68	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.16	0.17	3	2	2	2	2.25	16	6	High (40+)	Semi-mature	Good	Fair	High	40+	High	2.0	1.6	Retain
70	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.23	0.35	2	2	1	1	1.5	7	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	2.1	Retain
71	<i>Angophora costata</i>	Smooth-barked Apple	0.21	0.25	3	4	2	0	2.25	16	12	High (40+)	Semi-mature	Good	Good	High	40+	High	2.5	1.8	Retain
72	<i>Corymbia maculata</i>	Spotted Gum	0.32	0.35	5	3	3	3	3.5	38	12	High (40+)	Mature	Good	Good	High	40+	High	3.8	2.1	Retain
73	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.17	3	3	4	3	3.25	33	6	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	1.6	Retain
74	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.17	0.27	2	3	3	2	2.5	20	6	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.1	1.9	Retain
75	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.15	0.20	2	2	2	1	1.75	10	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.7	Retain
76	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.22	0.25	2	1	1	1	1.25	5	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.8	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
77	<i>Casuarina cunninghamiana</i> subsp. <i>cunninghamiana</i>	River Oak	0.18	0.33	2	1	2	2	1.75	10	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	2.1	Retain
78	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.66	0.78	3	3	4	3	3.25	33	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	7.9	3.0	Retain
79	<i>Eucalyptus robusta</i>	Swamp Mahogany	0.22	0.29	4	4	5	5	4.5	64	9	Short (5-15)	Semi-mature	Fair	Fair	High	15-40	Moderate	2.6	2.0	Retain
80	<i>Eucalyptus pilularis</i>	Blackbutt	0.37	0.39	7	6	6	2	5.25	87	10	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	4.4	2.2	Retain
81	<i>Eucalyptus pilularis</i>	Blackbutt	0.36	0.40	8	6	6	0	5	79	10	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	4.3	2.3	Retain
82	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.15	0.15	3	3	3	3	3	28	5	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Retain
83	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.18	0.20	2	1	1	2	1.5	7	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.1	1.7	Retain
84	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.24	0.22	2	2	1.5	1	1.625	8	4	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.9	1.8	Retain
85	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.20	0.16	2	2	2	2	2	13	3.5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.5	Retain
86	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.31	0.35	2	2	2	2	2	13	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.8	2.1	Retain
87	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.12	0.15	1	1	1	1	1	3	5	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
88	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.18	0.18	1	1	1	1	1	3	5	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.2	1.6	Retain
102	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.52	0.55	6	7	5	4	5.5	95	13	Short (5-15)	Mature	Poor	Fair	High	5-15	Moderate	6.2	2.6	Retain
103	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.54	0.55	5	4	6	2	4.25	57	12	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	6.5	2.6	Retain
104	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.23	0.24	3	4	3	2	3	28	5	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.8	1.8	Retain
105	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.39	0.45	5	3	5	4	4.25	57	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	4.7	2.4	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
106	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.33	0.37	6	3	3	3	3.75	44	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.0	2.2	Retain
107	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.18	0.18	3	3	3	3	3	28	5	Moderate (15-40)	Semi-mature	Fair	Fair	High	15-40	Moderate	2.2	1.6	Retain
108	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.16	0.17	3	4	3	4	3.5	38	9	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.0	1.6	Retain
110	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.18	0.20	3	3	4	5	3.75	44	8	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.2	1.7	Retain
111	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.24	0.28	0	5	5	2	3	28	9	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.9	1.9	Retain
112	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.23	0.25	0	0	0	0	0	0	8	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	2.8	1.8	Retain
113	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.54	0.68	6	7	6	7	6.5	133	18	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	6.5	2.8	Retain
114	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.30	0.35	4	5	6	5	5	79	16	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.6	2.1	Retain
115	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.49	0.55	7	4	0	4	3.75	44	16	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	5.9	2.6	Retain
116	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.53	0.70	6	7	3	7	5.75	104	16	Moderate (15-40)	Mature	Good	Fair	High	40+	High	6.3	2.8	Retain
117	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.34	0.38	7	0	0	7	3.5	38	10	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.1	2.2	Retain
118	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.31	0.37	3	2	1	1	1.75	10	12	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.7	2.2	Retain
119	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.38	0.40	4	3	3	4	3.5	38	12	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	4.6	2.3	Retain
120	<i>Angophora costata</i>	Smooth-barked Apple	0.25	0.31	3	4	3	4	3.5	38	11	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.0	2.0	Retain
121	<i>Leptospermum juniperinum</i>	Prickly Tea-tree	0.27	0.28	3	4	3	4	3.5	38	5	High (40+)	Mature	Good	Fair	High	40+	High	3.2	1.9	Retain
122	<i>Angophora costata</i>	Smooth-barked Apple	0.28	0.32	7	6	6	1	5	79	12	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	3.4	2.1	Retain
123	<i>Angophora costata</i>	Smooth-barked Apple	0.24	0.26	3	0	2	1	1.5	7	5	Moderate (15-40)	Semi-mature	Good	Poor	High	15-40	Moderate	2.9	1.9	Retain
124	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.42	0.49	4	7	6	3	5	79	13	Moderate (15-40)	Mature	Fair	Poor	High	15-40	Moderate	5.0	2.5	Retain
125	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.58	0.65	4	5	7	8	6	113	14	High (40+)	Mature	Good	Fair	High	40+	High	7.0	2.8	Retain
126	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.32	0.35	2	3	7	6	4.5	64	10	Short (5-15)	Mature	Good	Poor	High	15-40	Moderate	3.8	2.1	Retain
127	<i>Angophora costata</i>	Smooth-barked Apple	0.40	0.60	4	0	5	7	4	50	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.8	2.7	Retain
128	<i>Ficus obliqua</i>	Small-leaved Fig	0.56	0.55	8	7	8	8	7.75	189	15	High (40+)	Mature	Good	Fair	High	40+	High	6.7	2.6	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
129	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.58	0.65	8	7	4	8	6.75	143	14	High (40+)	Mature	Good	Fair	High	40+	High	7.0	2.8	Retain
130	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.45	0.48	4	4	4	4	4	50	12	Moderate (15-40)	Mature	Good	Fair	High	40+	High	5.4	2.4	Retain
131	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.45	0.50	6	6	5	6	5.75	104	10	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	5.4	2.5	Retain
132	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.72	0.80	6	7	4	4	5.25	87	10	Remove (<5)	Mature	Fair	Poor	High	15-40	Moderate	8.6	3.0	Retain
133	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.68	0.73	6	6	6	6	6	113	10	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	8.2	2.9	Retain
134	<i>Alphitonia excelsa</i>	Red Ash	0.42	0.50	7	7	6	7	6.75	143	12	Moderate (15-40)	Mature	Good	Good	High	40+	High	5.0	2.5	Retain
135	Stag	#N/A	0.00	0.00	0	0	0	0	0	0	0	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	0.0	1.5	Retain
136	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.48	0.50	6	6	6	6	6	113	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	5.8	2.5	Retain
137	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.44	0.50	3	4	5	4	4	50	11	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	5.3	2.5	Retain
138	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.18	0.20	3	4	3	4	3.5	38	9	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.2	1.7	Retain
139	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.27	0.29	5	2	3	3	3.25	33	8	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.2	2.0	Retain
140	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.48	0.50	6	2	1	5	3.5	38	10	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	5.8	2.5	Retain
141	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.25	0.30	8	2	2	3	3.75	44	9	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.0	2.0	Retain
142	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.21	0.25	4	1	2	4	2.75	24	7	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.5	1.8	Retain
143	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.20	4	3	3	3	3.25	33	6	High (40+)	Mature	Fair	Good	High	40+	High	2.2	1.7	Retain
144	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.34	0.38	3	2	5	2	3	28	10	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.1	2.2	Retain
145	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.33	0.50	4	5	6	3	4.5	64	10	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.0	2.5	Retain
146	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.26	0.30	3	3	4	5	3.75	44	10	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.1	2.0	Retain
147	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.18	3	4	3	3	3.25	33	7	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	1.6	Retain
148	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.19	2	2	2	6	3	28	7	Moderate (15-40)	Semi-mature	Fair	Fair	High	15-40	Moderate	2.0	1.6	Retain
149	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.35	0.50	5	2	1	6	3.5	38	12	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.2	2.5	Retain
150	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.25	3	1	3	4	2.75	24	5	Moderate (15-40)	Mature	Fair	Good	High	40+	High	2.3	1.8	Retain
152	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.22	3	4	3	1	2.75	24	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.2	1.8	Retain
153	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.49	0.51	2	2	2	2	2	13	5	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	5.9	2.5	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
154	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.45	0.46	3	4	3	3	3.25	33	5	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	5.4	2.4	Retain
155	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.89	1.00	7	6	2	6	5.25	87	15	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	10.6	3.3	Retain
157	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.33	0.36	5	6	6	3	5	79	9	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.0	2.2	Retain
158	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.67	0.80	6	7	8	6	6.75	143	12	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	8.0	3.0	Retain
159	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.37	0.40	3	4	4	4	3.75	44	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	4.4	2.3	Retain
160	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.30	0.33	3	4	3	1	2.75	24	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.6	2.1	Retain
161	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.36	0.39	4	3	3	4	3.5	38	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.3	2.2	Retain
162	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.28	0.30	3	2	1	4	2.5	20	6	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	3.4	2.0	Retain
163	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.25	0.26	1.5	2	2	2	1.875	11	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.9	1.9	Retain
164	<i>Eucalyptus pilularis</i>	Blackbutt	0.45	0.50	0	0	0	0	0	0	5	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	5.4	2.5	Retain
165	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.42	3	2	2	3	2.5	20	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.8	2.3	Retain
166	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.37	0.43	3	3	2	2	2.5	20	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.5	2.3	Retain
167	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.30	0.33	1	1	2	1	1.25	5	12	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.6	2.1	Retain
168	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.62	0.65	4	1.5	1.5	3	2.5	20	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	7.5	2.8	Retain
169	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.27	0.26	2	2	1	2	1.75	10	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.3	1.9	Retain
171	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.94	0.35	1	0.5	0.5	0.5	0.625	1	4.5	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	11.2	2.1	Retain
172	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.60	0.73	3	4	2	2	2.75	24	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	7.2	2.9	Retain
173	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.38	0.42	3.5	2	2	1	2.125	14	5.5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.6	2.3	Retain
174	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.32	0.52	4	1	2	6	3.25	33	7.5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.8	2.5	Retain
175	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.23	2	0	1.5	3	1.625	8	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.8	Retain
176	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.25	2	1	2	2	1.75	10	4	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.1	1.8	Retain
177	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.24	0.27	3	0	2	4	2.25	16	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.9	1.9	Retain
178	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.20	0.21	2	0	1	2.5	1.375	6	6	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	2.4	1.7	Retain
179	<i>Callistemon citrinus</i>	Crimson Bottlebrush	0.24	0.23	2	2	2	2.5	2.125	14	4	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.9	1.8	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
180	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.44	0.59	4	3	4	4	3.75	44	4	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.3	2.7	Remove
181	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.23	0.32	3	2	2.5	3	2.625	22	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	2.1	Remove
182	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.44	0.20	2	0	2	3	1.75	10	4.5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.3	1.7	Remove
183	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.90	8	8	8	9	8.25	214	4	Moderate (15-40)	Semi-mature	Fair	Fair	Very High	15-40	High	2.2	3.2	Retain
185	<i>Eucalyptus pilularis</i>	Blackbutt	0.71	0.40	0	0	0	0	0	0	10	Remove (<5)	Mature	Poor	Fair	High	<5	Low	8.5	2.3	Retain
186	<i>Eucalyptus pilularis</i>	Blackbutt	0.35	0.20	2	2	1	2	1.75	10	4	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	4.2	1.7	Retain
187	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.35	0.40	3	0	5	4	3	28	6	Moderate (15-40)	Mature	Poor	Fair	High	15-40	Moderate	4.2	2.3	Retain
188	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.16	4	2	3	3	3	28	7	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.8	1.5	Retain
189	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.28	4	5	2	4	3.75	44	5	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.0	1.9	Retain
190	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.25	0.43	6	5	6	5	5.5	95	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.0	2.3	Retain
191	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.28	0.28	5	3	3	3	3.5	38	6	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	3.3	1.9	Retain
192	<i>Acacia longifolia var. longifolia</i>	Sydney Golden Wattle	0.30	0.75	4	4	4	4	4	50	6	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.6	2.9	Retain
193	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.26	0.28	4	4	6	5	4.75	71	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	1.9	Remove
194	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.64	0.90	7	2	6	8	5.75	104	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	7.7	3.2	Remove
195	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.61	0.31	4	2	4	4	3.5	38	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	7.3	2.0	Remove
196	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.21	0.38	5	3	4	5	4.25	57	8	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.5	2.2	Remove
197	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.90	0.25	4	3	3	3	3.25	33	8	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	10.8	1.8	Remove
198	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.26	0.85	0	0	0	0	0	0	8	Remove (<5)	Mature	Fair	Fair	High	<5	Low	3.1	3.1	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
199	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.35	0.46	3	2	3	3	2.75	24	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	4.2	2.4	Remove
200	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.35	5	3	2	3	3.25	33	7	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.6	2.1	Remove
201	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.80	0.46	5	3	3	3	3.5	38	6	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	9.6	2.4	Remove
202	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.44	0.42	4	3	2	3	3	28	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.2	2.3	Remove
203	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.10	1	1	2	1	1.25	5	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
204	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.44	0.32	4	3	2	4	3.25	33	8	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	5.3	2.1	Retain
205	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.78	0.38	4	5	5	5	4.75	71	6	Moderate (15-40)	Mature	Good	Good	High	40+	High	9.4	2.2	Remove
206	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.40	3	3	5	5	4	50	4	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.3	2.3	Remove
207	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.26	0.20	3	3	3	4	3.25	33	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	1.7	Remove
208	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.31	0.35	3	4	3	3	3.25	33	6	Short (5-15)	Mature	Good	Good	High	15-40	Moderate	3.7	2.1	Remove
210	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.33	0.31	4	5	4	5	4.5	64	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.0	2.0	Retain
211	<i>Leptospermum polygalifolium</i>	Tantoon	0.20	0.22	3	2	2	2	2.25	16	5	Moderate (15-40)	Mature	Good	Poor	High	15-40	Moderate	2.4	1.8	Retain
212	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.18	2	2	2	2	2	13	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.6	Retain
213	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.30	0.52	4	3	4	3	3.5	38	8	Short (5-15)	Mature	Good	Fair	High	15-40	Moderate	3.6	2.5	Retain
214	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.40	0.40	3	4	4	3	3.5	38	7	Short (5-15)	Mature	Good	Fair	High	15-40	Moderate	4.8	2.3	Retain
216	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.20	0.38	4	4	4	4	4	50	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	2.2	Retain
217	<i>Juniperus virginiana</i> *	Eastern Red Cedar	1.13	1.30	7	7	3	7	6	113	13	Moderate (15-40)	Mature	Good	Fair	High	40+	High	13.6	3.7	Retain
218	<i>Eucalyptus pilularis</i>	Blackbutt	1.18	1.18	9	9	6	9	8.25	214	12	Moderate (15-40)	Mature	Fair	Fair	Very High	40+	High	14.2	3.5	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
219	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.65	0.65	6	7	6	7	6.5	133	10	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	7.8	2.8	Retain
220	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.65	0.63	8	8	8	6	7.5	177	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	7.8	2.7	Retain
221	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.51	0.56	7	6	6	7	6.5	133	12	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	6.1	2.6	Remove
222	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.54	0.57	0	7	7	8	5.5	95	12	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	6.5	2.6	Remove
223	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.87	0.84	8	8	3	8	6.75	143	12	Short (5-15)	Mature	Good	Fair	High	15-40	Moderate	10.4	3.1	Remove
224	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.22	0.32	3	2	1	3	2.25	16	6	Short (5-15)	Mature	Good	Good	High	15-40	Moderate	2.6	2.1	Retain
225	<i>Erythrina x sykesii</i> *	Coral Tree	0.25	0.30	3	2	2	3	2.5	20	7	Moderate (15-40)	Mature	Fair	Fair	Very Low	15-40	Low	3.1	2.0	Retain
226	<i>Erythrina x sykesii</i> *	Coral Tree	0.19	0.19	2	1	0	1	1	3	8	Moderate (15-40)	Mature	Fair	Fair	Very Low	15-40	Low	2.3	1.6	Retain
227	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.30	0.50	5	5	5	5	5	79	9	Moderate (15-40)	Mature	Good	Good	High	40+	High	3.7	2.5	Retain
228	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.43	0.18	4	4	2	0	2.5	20	7	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	5.2	1.6	Retain
229	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.80	6	6	5	4	5.25	87	7	Moderate (15-40)	Mature	Fair	Good	High	40+	High	4.8	3.0	Retain
231	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.24	0.23	2	4	3	0	2.25	16	6	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.9	1.8	Retain
232	<i>Erythrina x sykesii</i> *	Coral Tree	0.34	0.30	0	3	4	4	2.75	24	8	High (40+)	Mature	Good	Good	Very Low	40+	Low	4.1	2.0	Retain
234	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.23	0.25	4	4	3	3	3.5	38	5	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.8	1.8	Retain
235	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.23	0.30	4	0	2	4	2.5	20	8	Moderate (15-40)	Semi-mature	Fair	Fair	High	40+	High	2.8	2.0	Retain
237	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.17	0.20	4	4	4	4	4	50	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	2.0	1.7	Retain
240	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.25	0.24	0	3	3	3	2.25	16	8	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	3.0	1.8	Retain
241	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.20	3	3	3	3	3	28	8	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.3	1.7	Retain
242	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.08	0.15	3	3	3	3	3	28	7	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.0	1.5	Retain
244	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.21	0.30	4	0	4	2	2.5	20	8	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.5	2.0	Retain
245	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.21	2	2	4	4	3	28	5	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.1	1.7	Remove
246	<i>Scolopia braunii</i>	Flintwood	0.20	0.15	3	3	2	3	2.75	24	6	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.4	1.5	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
247	<i>Scolopia braunii</i>	Flintwood	0.15	0.15	3	3	3	3	3	28	7	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
248	<i>Scolopia braunii</i>	Flintwood	0.15	0.15	3	3	3	3	3	28	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
249	<i>Scolopia braunii</i>	Flintwood	0.15	0.19	3	3	3	3	3	28	7	Moderate (15-40)	Mature	Good	Fair	High	40+	High	2.0	1.6	Remove
251	<i>Scolopia braunii</i>	Flintwood	0.21	0.40	3	4	3	4	3.5	38	7	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.6	2.3	Remove
252	<i>Scolopia braunii</i>	Flintwood	0.15	0.30	5	5	5	5	5	79	7	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	2.0	Remove
253	<i>Scolopia braunii</i>	Flintwood	0.15	0.18	3	3	3	3	3	28	6	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	1.6	Remove
254	<i>Scolopia braunii</i>	Flintwood	0.15	0.15	2	3	1	2	2	13	6	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
255	<i>Scolopia braunii</i>	Flintwood	0.18	0.23	4	3	2	1	2.5	20	7	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.2	1.8	Remove
256	<i>Scolopia braunii</i>	Flintwood	0.40	0.15	2	3	3	2	2.5	20	9	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	4.8	1.5	Remove
257	<i>Livistona australis</i>	Cabbage Tree Palm	0.30	0.30	4	4	4	4	4	50	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.6	2.0	Remove
258	<i>Scolopia braunii</i>	Flintwood	0.18	0.15	2	1	2	3	2	13	7	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.2	1.5	Remove
259	<i>Scolopia braunii</i>	Flintwood	0.16	0.15	3	3	0	2	2	13	7	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
260	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.21	0.28	5	5	7	5	5.5	95	7	Short (5-15)	Mature	Good	Good	High	15-40	Moderate	2.5	1.9	Remove
261	<i>Scolopia braunii</i>	Flintwood	0.15	0.45	7	5	6	5	5.75	104	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	2.4	Remove
262	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.30	0.70	7	6	5	7	6.25	123	5	Short (5-15)	Mature	Good	Good	High	.5-15	Moderate	3.6	2.8	Remove
263	<i>Scolopia braunii</i>	Flintwood	0.15	0.20	0	1	3	6	2.5	20	6	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.7	Remove
264	<i>Scolopia braunii</i>	Flintwood	0.15	0.15	5	1	1	1	2	13	5	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
266	<i>Scolopia braunii</i>	Flintwood	0.18	0.20	2	2	2	2	2	13	8	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.1	1.7	Remove
267	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.21	0.25	3	1	4	3	2.75	24	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Remove
268	<i>Scolopia braunii</i>	Flintwood	0.13	0.17	1	1	1	0.5	0.875	2	8	Moderate (15-40)	Over-mature	Fair	Poor	High	15-40	Moderate	2.0	1.6	Remove
269	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.23	0.22	2	1	2	3	2	13	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.7	1.8	Remove
270	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.18	1	2	1	1	1.25	5	7	Moderate (15-40)	Semi-mature	Fair	Fair	High	15-40	Moderate	2.0	1.6	Remove
271	<i>Scolopia braunii</i>	Flintwood	0.45	0.45	7	6	5	6	6	113	5	Moderate (15-40)	Mature	Good	Good	High	40+	High	5.4	2.4	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
272	<i>Scolopia braunii</i>	Flintwood	0.41	0.55	3	2	3	3	2.75	24	5	Short (5-15)	Semi-mature	Good	Fair	High	15-40	Moderate	5.0	2.6	Remove
273	<i>Scolopia braunii</i>	Flintwood	0.31	0.20	2	2	0	2	1.5	7	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	1.7	Remove
274	<i>Scolopia braunii</i>	Flintwood	0.23	0.25	2	2	2	2	2	13	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	1.8	Remove
275	<i>Scolopia braunii</i>	Flintwood	0.22	0.45	8	8	7	8	7.75	189	5	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.6	2.4	Remove
276	<i>Harpephyllum caffrum</i> *	Kaffir plum	0.50	0.29	3	3	3	3	3	28	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	6.0	2.0	Retain
277	<i>Harpephyllum caffrum</i> *	Kaffir plum	0.61	0.68	8	7	7	7	7.25	165	8	Moderate (15-40)	Mature	Good	Good	High	40+	High	7.4	2.8	Retain
278	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.92	1.60	9	7	8	8	8	201	6	High (40+)	Mature	Good	Good	Very High	40+	High	11.0	4.0	Retain
279	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.62	1.02	3	5	3	3	3.5	38	4	Moderate (15-40)	Mature	Good	Good	Very High	15-40	High	7.5	3.3	Retain
280	<i>Eucalyptus pilularis</i>	Blackbutt	0.46	0.62	4	3	2	3	3	28	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.5	2.7	Retain
281	<i>Eucalyptus robusta</i>	Swamp Mahogany	0.22	0.50	2	3	3	3	2.75	24	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	2.5	Retain
282	<i>Eucalyptus robusta</i>	Swamp Mahogany	0.50	0.74	7	6	6	6	6.25	123	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	6.0	2.9	Remove
283	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.00	0.77	4	6	2	3	3.75	44	14	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	12.0	3.0	Remove
284	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.41	1.46	9	8	9	8	8.5	227	13	Moderate (15-40)	Mature	Good	Fair	Very High	40+	High	15.0	3.9	Remove
285	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.63	0.88	8	8	7	9	8	201	13	Moderate (15-40)	Mature	Good	Good	Very High	40+	High	7.6	3.1	Remove
286	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.36	4	3	3	3	3.25	33	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	2.2	Remove
287	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.17	0.26	1	2	2	1	1.5	7	13	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.1	1.9	Remove
288	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.17	0.25	2	2	2	3	2.25	16	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.8	Remove
289	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.50	0.28	3	2	2	3	2.5	20	14	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	15.0	1.9	Remove
290	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.19	0.20	1	2	2	2	1.75	10	15	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.2	1.7	Remove
291	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.20	0.5	1	2	2	1.375	6	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.7	Remove
292	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.21	0.18	0.5	1	2	2	1.375	6	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.6	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
293	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.13	0.18	0.5	1	2	2	1.375	6	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
294	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.19	0	1	2	2	1.25	5	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
296	<i>Guioa semiglauca</i>	Guioa	0.26	0.36	3	2	3	3	2.75	24	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.2	Remove
297	<i>Guioa semiglauca</i>	Guioa	0.20	0.26	1	2	2	1	1.5	7	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.9	Remove
298	<i>Guioa semiglauca</i>	Guioa	0.10	0.20	1	1	1	1	1	3	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.7	Remove
299	<i>Guioa semiglauca</i>	Guioa	0.20	0.52	2	1	2	2	1.75	10	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	2.5	Remove
300	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.21	0.23	0	2	3	1	1.5	7	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Remove
301	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.58	0.15	1	1	1	1	1	3	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	7.0	1.5	Remove
302	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.14	1	1	1	1	1	3	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.8	1.5	Remove
303	<i>Guioa semiglauca</i>	Guioa	0.14	0.18	1	1	1	1	1	3	6	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	2.0	1.6	Remove
304	<i>Guioa semiglauca</i>	Guioa	0.17	0.19	3	0	0	2	1.25	5	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.1	1.6	Remove
305	<i>Guioa semiglauca</i>	Guioa	0.36	1.11	3	1	3	3	2.5	20	8	Short (5-15)	Mature	Fair	Good	High	15-40	Moderate	4.3	3.5	Remove
306	<i>Guioa semiglauca</i>	Guioa	0.16	0.18	2	3	3	2	2.5	20	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
307	<i>Guioa semiglauca</i>	Guioa	0.29	0.72	2	1	2	1	1.5	7	8	Short (5-15)	Mature	Fair	Good	High	5-15	Moderate	3.4	2.9	Remove
308	<i>Guioa semiglauca</i>	Guioa	0.16	0.17	1	3	2	1	1.75	10	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
309	<i>Guioa semiglauca</i>	Guioa	0.21	0.32	1	1	1	1	1	3	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	2.1	Remove
310	<i>Guioa semiglauca</i>	Guioa	0.26	0.65	2	3	3	2	2.5	20	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.8	Remove
311	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.24	1	2	1	1	1.25	5	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.1	1.8	Remove
312	<i>Guioa semiglauca</i>	Guioa	0.10	0.13	1	1	1	1	1	3	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
313	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.26	1	4	2	0	1.75	10	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.9	Remove
314	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.12	0.14	0	3	2	0	1.25	5	7	Short (5-15)	Mature	Good	Good	High	5-15	Moderate	2.0	1.5	Remove
315	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.38	0.41	3	3	1	0	1.75	10	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.6	2.3	Remove
316	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.18	3	1	1	0	1.25	5	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
317	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.17	0.26	1	1	1	1	1	3	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.1	1.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
318	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.28	0.36	3	2	0	1	1.5	7	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.3	2.2	Remove
319	<i>Guioa semiglauc</i>	Guioa	0.18	0.25	1	1	1	1	1	3	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.8	Remove
320	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.18	3.5	1	0	2	1.625	8	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
321	<i>Guioa semiglauc</i>	Guioa	0.29	0.50	2	2	1	1	1.5	7	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.5	2.5	Remove
322	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.13	0.15	3	1	0	1	1.25	5	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.0	1.5	Remove
323	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.19	2	2	1	2	1.75	10	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
324	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.20	0.18	4	4	3	3	3.5	38	6	High (40+)	Mature	Good	Good	High	40+	High	2.4	1.6	Remove
325	<i>Guioa semiglauc</i>	Guioa	0.14	1.15	8	8	8	8	8	201	7	Moderate (15-40)	Mature	Good	Good	Very High	40+	High	2.0	3.5	Remove
326	<i>Guioa semiglauc</i>	Guioa	0.13	0.00	0	0	0	0	0	0	7	Remove (<5)	Mature	Good	Good	High	<5	Low	2.0	1.5	Remove
327	<i>Guioa semiglauc</i>	Guioa	0.20	0.00	0	0	0	0	0	0	7	Remove (<5)	Mature	Good	Good	High	<5	Low	2.4	1.5	Remove
328	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.28	0.00	0	0	0	0	0	0	7	Remove (<5)	Mature	Good	Good	High	<5	Low	3.4	1.5	Remove
329	<i>Juniperus virginiana</i> *	Eastern Red Cedar	0.16	0.15	2	3	2	2	2.25	16	5	High (40+)	Semi-mature	Good	Good	Moderate	40+	Moderate	2.0	1.5	Remove
330	<i>Guioa semiglauc</i>	Guioa	0.27	0.27	2	2	1	2	1.75	10	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.3	1.9	Remove
331	<i>Pittosporum undulatum</i>	Sweet Pittosporum	0.21	0.23	1	2	2	2	1.75	10	4	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Remove
332	<i>Pittosporum undulatum</i>	Sweet Pittosporum	0.25	0.48	3	2	1	2	2	13	4	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.4	Remove
333	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	1.09	0.18	4	5	1	0	2.5	20	12	Short (5-15)	Mature	Good	Fair	High	15-40	Moderate	13.1	1.6	Remove
334	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.00	0.27	3	4	5	5	4.25	57	0	Remove (<5)	Semi-mature	Dead	Dead	Low	Dead	Low	0.0	1.9	Retain
335	<i>Stag</i>	#N/A	0.00	0.00	0	0	0	0	0	0	7	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	0.0	1.5	Retain
336	<i>Stag</i>	#N/A	0.00	0.36	5	0	4	6	3.75	44	0	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	0.0	2.2	Remove
337	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.36	0.33	0	3	6	4	3.25	33	4	Moderate (15-40)	Juvenile	Good	Fair	High	15-40	Moderate	4.3	2.1	Remove
338	<i>Acacia saligna</i> *	Golden Wreath Wattle	0.32	0.39	4	7	3	1	3.75	44	5	Short (5-15)	Mature	Fair	Fair	Low	15-40	Low	3.8	2.2	Remove
339	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.20	0.24	2	1	2	2	1.75	10	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
340	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.25	0.29	2	2	2	2	2	13	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	2.0	Remove
341	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.62	2	3	4	2	2.75	24	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.7	2.7	Remove
342	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.13	0.17	0	1	3	2	1.5	7	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
344	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.20	0	1	3	2	1.5	7	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.3	1.7	Remove
345	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.38	0.40	8	3	0	4	3.75	44	7	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.5	2.3	Retain
346	Stag	#N/A	0.00	0.30	5	6	6	6	5.75	104	0	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	0.0	2.0	Retain
347	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.31	0.35	5	6	5	6	5.5	95	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.7	2.1	Remove
348	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.50	0.15	3	4	3	4	3.5	38	8	High (40+)	Mature	Good	Fair	High	40+	High	6.0	1.5	Remove
349	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.53	0.65	6	6	6	7	6.25	123	9	Moderate (15-40)	Mature	Good	Fair	High	40+	High	6.3	2.8	Remove
350	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.36	0.40	5	2	6	3	4	50	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.4	2.3	Remove
351	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.28	0.29	6	4	1	1	3	28	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.4	2.0	Remove
352	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.25	2	2	1	2	1.75	10	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.8	Remove
353	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.20	0.30	2	1	2	2	1.75	10	4	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	2.0	Remove
354	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.31	0.35	2	2	3	3	2.5	20	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	2.1	Remove
355	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.29	0.43	2	2	2	3	2.25	16	4	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	2.3	Retain
356	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.21	0.21	1	1	1	2	1.25	5	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.7	Remove
357	<i>Alphitonia excelsa</i>	Red Ash	0.30	0.09	2	1	2	2	1.75	10	8	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.6	1.5	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
358	<i>Triadica sebifera</i> *	Chinese Tallowood	0.81	0.90	8	8	7	8	7.75	189	5	Short (5-15)	Semi-mature	Good	Good	Very Low	15-40	Low	9.8	3.2	Remove
359	<i>Acacia saligna</i> *	Golden Wreath Wattle	0.17	0.19	3	2	2	2	2.25	16	8	Moderate (15-40)	Mature	Good	Good	Low	15-40	Low	2.0	1.6	Remove
360	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.25	2	2	2	2	2	13	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.8	Remove
361	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.23	0.35	1	1	1	2	1.25	5	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.7	2.1	Remove
362	<i>Leptospermum laevigatum</i>	Coast Tea-tree	0.21	0.22	1	2	2	1	1.5	7	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Remove
363	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.90	0.35	5	4	3	5	4.25	57	9	High (40+)	Mature	Good	Fair	High	40+	High	10.8	2.1	Retain
363	<i>Leptospermum laevigatum</i>	Coast Tea-tree	0.29	0.33	3	2	1	2	2	13	4	Short (5-15)	Mature	Fair	Fair	High	5-15	Moderate	3.4	2.1	Remove
364	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.32	0.43	7	7	7	7	7	154	9	Moderate (15-40)	Mature	Good	Good	High	40+	High	3.8	2.3	Remove
365	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.18	0.60	7	8	6	6	6.75	143	8	Short (5-15)	Mature	Good	Fair	High	40+	High	2.2	2.7	Remove
366	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.42	0.38	6	6	6	6	6	113	9	Moderate (15-40)	Mature	Good	Good	High	40+	High	5.1	2.2	Remove
367	<i>Banksia integrifolia subsp. integrifolia</i>	Coast Banksia	0.16	0.21	3	3	3	3	3	28	10	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.0	2.0	Remove
368	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.71	1.02	8	9	9	8	8.5	227	9	Moderate (15-40)	Mature	Good	Fair	Very High	40+	High	8.5	3.3	Remove
369	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.90	0.15	1	1	1	1	1	3	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	10.8	1.5	Remove
370	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.79	0.41	5	5	4	4	4.5	64	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	9.5	2.3	Remove
371	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.45	0.21	4	3	0	3	2.5	20	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	5.4	1.7	Remove
372	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.28	0.45	2	3	3	3	2.75	24	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.3	2.4	Remove
373	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.68	0.53	4	3	3	2	3	28	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	8.2	2.5	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
374	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.45	0.60	5	4	3	4	4	50	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	5.4	2.7	Remove
375	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.23	0.25	3	2	2	1	2	13	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.7	1.8	Remove
376	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.50	0.70	4	4	4	4	4	50	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	6.0	2.8	Remove
377	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.71	0.70	7	7	4	7	6.25	123	9	Moderate (15-40)	Mature	Good	Fair	High	40+	High	8.5	2.8	Remove
378	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.76	0.76	8	8	8	8	8	201	9	Moderate (15-40)	Mature	Good	Fair	Very High	40+	High	9.1	2.9	Remove
379	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.09	0.95	8	8	7	9	8	201	5	Moderate (15-40)	Juvenile	Good	Fair	Very High	40+	High	2.0	3.2	Remove
380	<i>Erythrina x sykesii</i> *	Coral Tree	0.96	0.89	5	7	8	7	6.75	143	9	Moderate (15-40)	Mature	Good	Poor	Very Low	40+	Low	11.5	3.2	Remove
381	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.82	6	6	6	8	6.5	133	8	Moderate (15-40)	Mature	Good	Good	High	40+	High	3.7	3.0	Retain
382	<i>Erythrina x sykesii</i> *	Coral Tree	0.62	0.74	4	7	6	5	5.5	95	9	Moderate (15-40)	Mature	Good	Fair	Very Low	40+	Low	7.4	2.9	Retain
383	<i>Erythrina x sykesii</i> *	Coral Tree	0.69	0.83	7	8	4	5	6	113	9	Moderate (15-40)	Mature	Good	Poor	Very Low	40+	Low	8.2	3.1	Remove
384	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.39	0.46	3	4	4	5	4	50	9	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.7	2.4	Remove
385	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.52	0.45	5	4	3	4	4	50	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	6.3	2.4	Remove
386	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.75	1.00	7	6	7	8	7	154	9	Moderate (15-40)	Mature	Good	Fair	High	40+	High	9.0	3.3	Remove
387	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.56	0.65	5	6	6	6	5.75	104	9	High (40+)	Mature	Good	Fair	High	40+	High	6.7	2.8	Remove
389	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.43	0.45	4	6	3	5	4.5	64	5	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	5.1	2.4	Retain
390	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.35	0.31	4	4	3	3	3.5	38	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.2	2.0	Remove
390	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.43	0.40	6	6	6	4	5.5	95	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.2	2.3	Remove
391	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.17	0.19	3	4	4	4	3.75	44	7	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	1.6	Remove
392	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.67	0.64	5	6	7	8	6.5	133	12	Moderate (15-40)	Mature	Good	Fair	High	40+	High	8.1	2.7	Remove
393	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.20	0.26	4	4	3	3	3.5	38	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
394	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.35	6	7	6	4	5.75	104	14	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.7	2.1	Remove
395	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.70	0.70	6	7	6	6	6.25	123	12	High (40+)	Mature	Good	Fair	High	40+	High	8.4	2.8	Remove
397	<i>Erythrina x sykesii</i> *	Coral Tree	0.80	0.81	5	8	7	6	6.5	133	8	Moderate (15-40)	Mature	Good	Good	Very Low	15-40	Low	9.6	3.0	Remove
398	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.32	4	4	4	4	4	50	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.1	Remove
399	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.25	2	2	2	2	2	13	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	1.8	Remove
400	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.27	4	4	4	4	4	50	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	1.9	Remove
401	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.15	0.15	1	1	1	1	1	3	5	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
402	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.09	0.15	2	2	2	2	2	13	4	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
403	<i>Casuarina glauca</i>	Swamp Oak	0.11	0.15	2	3	3	2	2.5	20	6	High (40+)	Semi-mature	Good	Good	Significant	40+	High	2.0	1.5	Remove
404	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.15	0.15	1	2	2	1	1.5	7	6	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
405	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.19	0.18	2	2	2	2	2	13	7	High (40+)	Semi-mature	Good	Good	High	40+	High	2.2	1.6	Remove
407	<i>Allocasuarina littoralis</i>	Black She-oak	0.19	0.30	2	3	2	3	2.5	20	6	High (40+)	Semi-mature	Good	Good	High	40+	High	2.3	2.0	Remove
408	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.24	0.21	2	3	3	2	2.5	20	7	High (40+)	Semi-mature	Good	Good	High	40+	High	2.8	1.7	Remove
409	<i>Banksia serrata</i>	Old Man Banksia	0.11	0.17	2	2	1	1	1.5	7	5	High (40+)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
410	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.25	3	3	3	3	3	28	8	High (40+)	Semi-mature	Good	Good	Significant	40+	High	2.2	1.8	Remove
411	<i>Lophostemon confertus</i>	Brush Box	0.12	0.14	2	2	2	2	2	13	5	High (40+)	Juvenile	Fair	Good	High	40+	High	2.0	1.5	Remove
412	<i>Banksia serrata</i>	Old Man Banksia	0.12	0.17	2	2	2	2	2	13	4	High (40+)	Juvenile	Good	Good	High	40+	High	2.0	1.6	Remove
413	<i>Acmena smithii</i>	Lillypilly	0.10	0.15	2	1	1	1	1.25	5	4	Moderate (15-40)	Juvenile	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
414	<i>Banksia serrata</i>	Old Man Banksia	0.15	0.22	2	4	2	1	2.25	16	5	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	1.8	Remove
415	<i>Allocasuarina littoralis</i>	Black She-oak	0.12	0.17	3	3	3	3	3	28	5	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
416	<i>Corymbia citriodora</i>	Lemon-scented Gum	0.26	0.28	5	5	4	4	4.5	64	9	Moderate (15-40)	Semi-mature	Good	Good	Moderate	40+	Moderate	3.1	1.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
417	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.17	0.21	3	2	2	1	2	13	5	High (40+)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.7	Remove
418	<i>Banksia serrata</i>	Old Man Banksia	0.20	0.25	2	2	2	2	2	13	4	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Remove
419	<i>Banksia serrata</i>	Old Man Banksia	0.19	0.25	2	2	3	2	2.25	16	5	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.3	1.8	Remove
420	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.28	4	4	1	1	2.5	20	15	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	1.9	Remove
421	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.29	4	4	4	4	4	50	15	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	2.0	Remove
422	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.25	2	3	2	2	2.25	16	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Remove
423	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.20	4	2	1	1	2	13	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.7	Remove
424	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.32	4	4	1	1	2.5	20	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.1	Remove
425	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.20	4	2	1	1	2	13	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.7	Remove
426	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.31	4	4	4	1	3.25	33	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	2.0	Remove
427	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.21	4	4	4	1	3.25	33	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.7	Remove
428	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.22	4	1	4	1	2.5	20	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Remove
429	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.25	4	2	4	4	3.5	38	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.8	Remove
430	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.25	4	2	4	4	3.5	38	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.8	Remove
431	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.25	4	2	4	4	3.5	38	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.8	Remove
432	<i>Casuarina glauca</i>	Swamp Oak	0.34	0.40	4	2	4	4	3.5	38	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.0	2.3	Remove
433	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.18	3	3	3	3	3	28	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
434	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.28	6	3	3	3	3.75	44	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	1.9	Remove
435	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.30	4	2	4	4	3.5	38	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.0	Remove
436	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.17	4	3	3	2	3	28	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
437	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.16	4	3	3	2	3	28	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
438	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.26	4	3	3	4	3.5	38	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	1.9	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
439	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.16	4	3	3	2	3	28	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
440	<i>Casuarina glauca</i>	Swamp Oak	0.24	0.26	4	3	3	4	3.5	38	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.9	1.9	Retain
441	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.31	0.32	4	1	3	3	2.75	24	7	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.7	2.1	Retain
442	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.59	0.75	5	5	3	5	4.5	64	7	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	7.1	2.9	Retain
443	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.62	0.75	5	5	5	5	5	79	7	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	7.4	2.9	Retain
444	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.15	3	2	2	2	2.25	16	6	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
446	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.23	3	3	2	3	2.75	24	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Retain
448	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.15	3	2	2	2	2.25	16	6	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
449	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.15	3	2	2	2	2.25	16	6	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
450	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.26	3	3	3	3	3	28	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	1.9	Retain
451	<i>Casuarina glauca</i>	Swamp Oak	0.17	0.19	3	1	4	5	3.25	33	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
452	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.15	3	2	2	2	2.25	16	6	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
453	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.19	3	2	2	2	2.25	16	6	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.2	1.6	Retain
454	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.24	3	3	3	3	3	28	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Retain
455	<i>Casuarina glauca</i>	Swamp Oak	0.31	0.33	4	3	3	3	3.25	33	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	2.1	Retain
456	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.30	0.23	4	3	3	3	3.25	33	9	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	3.6	1.8	Retain
457	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.31	3	3	2	3	2.75	24	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	2.0	Retain
458	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.19	3	2	2	2	2.25	16	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
458	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.17	3	2	2	2	2.25	16	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
459	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.17	3	2	2	2	2.25	16	4	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
460	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.17	3	2	2	2	2.25	16	4	Young or Small Tree	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
461	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.25	0.28	4	1	5	3	3.25	33	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	1.9	Retain
462	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.25	0.27	3	4	5	1	3.25	33	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	1.9	Retain
463	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.20	0.23	2	3	2	1	2	13	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.4	1.8	Remove
464	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.12	0.15	2	3	2	1	2	13	5	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
465	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.32	0.35	3	3	2	3	2.75	24	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.8	2.1	Retain
467	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.28	0.34	4	3	4	4	3.75	44	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	2.1	Retain
468	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.25	0.23	4	6	3	3	4	50	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	3.0	1.8	Retain
469	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.15	0.19	2	1	2	1	1.5	7	8	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
471	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.67	0.78	5	6	6	5	5.5	95	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	8.0	3.0	Remove
472	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.34	5	4	2	2	3.25	33	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	2.1	Remove
473	<i>Banksia serrata</i>	Old Man Banksia	0.20	0.21	3	3	3	2	2.75	24	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.7	Remove
474	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.16	3	3	3	3	3	28	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
475	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.55	0.60	5	6	1	1	3.25	33	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	6.6	2.7	Retain
476	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.44	0.42	5	4	3	3	3.75	44	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	5.3	2.3	Retain
477	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.20	0.26	2	2	2	2	2	13	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.9	Retain
478	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.32	0.34	3	3	2	3	2.75	24	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.8	2.1	Retain
479	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.36	0.38	3	2	4	4	3.25	33	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.3	2.2	Retain
480	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.25	0.28	3	3	3	3	3	28	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	1.9	Retain
481	<i>Eucalyptus punctata</i>	Grey Gum	0.31	0.32	4	5	4	4	4.25	57	11	Moderate (15-40)	Mature	Good	Good	High	40+	High	3.7	2.1	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
482	<i>Erythrina x sykesii</i> *	Coral Tree	0.68	0.85	6	2	5	6	4.75	71	9	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	8.2	3.1	Retain
484	<i>Melaleuca armillaris</i> subsp. <i>armillaris</i>	Bracelet Honey Myrtle	0.32	0.35	4	2	3	3	3	28	6	Short (5-15)	Mature	Good	Poor	High	15-40	Moderate	3.8	2.1	Retain
485	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.24	0	0	0	0	0	0	2	Remove (<5)	Mature	Dead	Dead	Low	Dead	Low	2.4	1.8	Retain
486	<i>Casuarina glauca</i>	Swamp Oak	0.24	0.27	3	4	2	1	2.5	20	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.9	1.9	Retain
487	<i>Casuarina glauca</i>	Swamp Oak	0.17	0.17	3	1	2	3	2.25	16	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
488	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.24	3	1	4	5	3.25	33	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Retain
489	<i>Casuarina glauca</i>	Swamp Oak	0.28	0.28	4	4	2	2	3	28	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	1.9	Retain
490	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.31	4	4	2	4	3.5	38	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.6	2.0	Retain
491	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.27	4	4	2	5	3.75	44	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	1.9	Retain
492	<i>Eucalyptus punctata</i>	Grey Gum	0.23	0.26	5	4	4	4	4.25	57	11	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.8	1.9	Retain
493	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.31	3	3	3	3	3	28	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.6	2.0	Retain
494	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.29	4	3	4	3	3.5	38	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	2.0	Retain
495	<i>Casuarina glauca</i>	Swamp Oak	0.28	0.31	5	3	4	3	3.75	44	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	2.0	Retain
496	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.31	3	3	5	3	3.5	38	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	2.0	Retain
497	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.29	4	5	2	2	3.25	33	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.0	Retain
498	<i>Casuarina glauca</i>	Swamp Oak	0.33	0.31	4	3	5	3	3.75	44	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.0	2.0	Retain
499	<i>Casuarina glauca</i>	Swamp Oak	0.28	0.59	4	3	5	3	3.75	44	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	2.7	Retain
501	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.15	1	3	2	2	2	13	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
502	<i>Casuarina glauca</i>	Swamp Oak	0.12	0.14	1	3	2	1	1.75	10	4	Young or Small Tree	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
503	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.26	0.27	1	5	3	2	2.75	24	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	1.9	Retain
504	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.34	2	6	2	4	3.5	38	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	2.1	Retain
505	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.30	0.31	3	4	3	1	2.75	24	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.6	2.0	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
506	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.33	0.34	3	4	3	2	3	28	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.0	2.1	Retain
507	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.27	0.32	3	4	2	1	2.5	20	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	2.1	Retain
508	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.28	0.32	3	4	2	4	3.25	33	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	2.1	Retain
509	<i>Erythrina x sykesii</i> *	Coral Tree	0.92	0.85	5	5	5	4	4.75	71	7	Moderate (15-40)	Mature	Good	Good	Very Low	15-40	Low	11.0	3.1	Retain
510	<i>Erythrina x sykesii</i> *	Coral Tree	0.90	0.90	5	5	5	5	5	79	7	Moderate (15-40)	Mature	Good	Good	Very Low	15-40	Low	10.8	3.2	Retain
511	<i>Erythrina x sykesii</i> *	Coral Tree	0.69	0.85	5	5	3	4	4.25	57	7	Moderate (15-40)	Mature	Good	Good	Very Low	15-40	Low	8.3	3.1	Retain
512	<i>Erythrina x sykesii</i> *	Coral Tree	0.68	0.91	5	5	3	4	4.25	57	7	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	8.2	3.2	Retain
513	<i>Erythrina x sykesii</i> *	Coral Tree	0.82	0.87	5	5	3	4	4.25	57	6	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	9.8	3.1	Retain
514	<i>Erythrina x sykesii</i> *	Coral Tree	0.80	0.82	5	5	3	4	4.25	57	5	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	9.6	3.0	Retain
515	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.40	0.41	3	3	4	4	3.5	38	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.8	2.3	Retain
516	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.21	0.23	3	1	2	4	2.5	20	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Retain
517	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.25	0.23	2	1	2	3	2	13	7	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	3.0	1.8	Retain
518	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.15	0.18	2	2	2	1	1.75	10	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
519	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.32	3	3	2	4	3	28	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	2.1	Retain
520	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.69	0.75	3	6	3	3	3.75	44	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	8.3	2.9	Retain
521	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.32	0.33	3	4	2	3	3	28	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.8	2.1	Retain
522	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.40	0.35	3	4	2	4	3.25	33	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.8	2.1	Retain
523	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.33	0.35	3	3	1	4	2.75	24	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.0	2.1	Retain
524	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.15	0.15	2	4	3	2	2.75	24	5	Young or Small Tree	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	1.5	Retain
525	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.15	0.17	2	1	2	2	1.75	10	7	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	1.6	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
526	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.21	0.30	2	2	3	2	2.25	16	3	Young or Small Tree	Semi-mature	Good	Fair	High	15-40	Moderate	2.5	2.0	Retain
527	<i>Erythrina x sykesii</i> *	Coral Tree	0.66	0.75	6	5	7	4	5.5	95	7	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	7.9	2.9	Retain
528	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.40	0.50	4	5	4	4	4.25	57	6	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	4.8	2.5	Retain
529	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.30	0.30	4	4	3	1	3	28	6	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.7	2.0	Retain
530	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.59	0.65	6	4	5	5	5	79	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	7.1	2.8	Retain
531	<i>Melaleuca armillaris subsp. armillaris</i>	Bracelet Honey Myrtle	0.44	0.50	7	4	4	2	4.25	57	4	Short (5-15)	Mature	Good	Poor	High	15-40	Moderate	5.2	2.5	Retain
532	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.30	0.35	3	1	3	4	2.75	24	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.6	2.1	Retain
533	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.70	0.75	3	6	6	4	4.75	71	8	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	8.4	2.9	Retain
534	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.65	0.55	6	6	1	4	4.25	57	6	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	7.8	2.6	Retain
535	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.25	0.30	4	4	3	2	3.25	33	4	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	3.0	2.0	Retain
536	<i>Melaleuca ericifolia</i>	Swamp Paperbark	0.15	0.20	3	3	3	3	3	28	3.5	Young or Small Tree	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.7	Retain
537	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.70	0.65	6	6	4	4	5	79	5	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	8.4	2.8	Retain
538	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.24	0.30	4	4	3	3	3.5	38	4	Young or Small Tree	Semi-mature	Good	Fair	High	15-40	Moderate	2.9	2.0	Retain
539	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.17	0.30	2	2	3	2	2.25	16	3	Young or Small Tree	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	2.0	Retain
539	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.17	0.30	2	2	3	2	2.25	16	3	Young or Small Tree	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	2.0	Remove
540	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.71	0.75	4	6	5	3	4.5	64	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	8.5	2.9	Retain
541	<i>Acmena smithii</i>	Lillypilly	0.11	0.16	4	4	4	4	4	50	6	Moderate (15-40)	Semi-mature	Good	Fair	High	40+	High	2.0	1.5	Remove
542	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.69	0.72	7	7	7	7	7	154	8	Remove (<5)	Mature	Good	Poor	High	40+	High	8.3	2.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
554	<i>Casuarina glauca</i>	Swamp Oak	0.19	0.24	3	3	3	3	3	28	14	Short (5-15)	Mature	Fair	Fair	Significant	5-15	High	2.3	1.8	Remove
555	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.17	0.23	4	3	3	3	3.25	33	9	Moderate (15-40)	Mature	Good	Fair	Moderate	40+	Moderate	2.0	1.8	Remove
556	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.16	4	3	3	3	3.25	33	9	Moderate (15-40)	Semi-mature	Good	Good	Moderate	40+	Moderate	2.0	1.5	Remove
557	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.17	4	3	2	2	2.75	24	8	Moderate (15-40)	Mature	Good	Fair	Moderate	40+	Moderate	2.0	1.6	Remove
558	<i>Casuarina glauca</i>	Swamp Oak	0.17	0.24	4	3	4	4	3.75	44	10	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	2.0	1.8	Remove
559	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.37	3	3	3	3	3	28	14	High (40+)	Mature	Good	Good	Significant	40+	High	3.6	2.2	Remove
560	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.28	5	2	1	2	2.5	20	11	Moderate (15-40)	Mature	Good	Good	Significant	40+	High	2.8	1.9	Remove
561	<i>Casuarina glauca</i>	Swamp Oak	0.00	0.00	0	0	0	0	0	0	6	Remove (<5)	Semi-mature	Dead	Dead	Low	Dead	Low	0.0	0.0	Remove
562	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.19	0.22	3	3	3	3	3	28	9	High (40+)	Semi-mature	Good	Good	Moderate	40+	Moderate	2.3	1.8	Remove
563	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.18	4	4	4	4	4	50	8	High (40+)	Semi-mature	Good	Good	Moderate	40+	Moderate	2.0	1.6	Remove
564	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.29	3	4	5	4	4	50	13	Short (5-15)	Mature	Good	Fair	Significant	15-40	High	3.2	2.0	Remove
565	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.20	0.22	3	3	3	3	3	28	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Remove
566	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.25	0.30	4	4	4	4	4	50	11	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	3.0	2.0	Remove
567	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.21	0.30	3	4	4	2	3.25	33	10	Short (5-15)	Mature	Good	Good	Moderate	15-40	Moderate	2.5	2.0	Remove
568	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.92	1.80	6	6	6	8	6.5	133	15	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	11.1	4.2	Remove
569	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.17	0.25	2	3	2	3	2.5	20	7	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.8	Remove
571	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.25	0.30	2	4	4	2	3	28	7	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	3.0	2.0	Remove
572	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.15	0.15	2	2	2	2	2	13	6	Short (5-15)	Mature	Fair	Good	Significant	5-15	High	2.0	1.5	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
573	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.25	0.30	5	4	4	4	4.25	57	5	Moderate (15-40)	Mature	Good	Fair	Moderate	15-40	Moderate	3.0	2.0	Remove
574	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.21	0.32	3	3	4	1	2.75	24	5	Moderate (15-40)	Mature	Fair	Good	Moderate	15-40	Moderate	2.6	2.1	Remove
575	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.45	0.50	3	3	3	3	3	28	6	Short (5-15)	Mature	Good	Good	Low	15-40	Low	5.4	2.5	Remove
576	<i>Casuarina glauca</i>	Swamp Oak	0.42	0.90	3	5	3	4	3.75	44	8	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	5.0	3.2	Remove
577	<i>Casuarina glauca</i>	Swamp Oak	0.43	0.60	1	2	3	5	2.75	24	10	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	5.2	2.7	Remove
578	<i>Casuarina glauca</i>	Swamp Oak	0.38	0.42	2	2	4	5	3.25	33	15	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	4.6	2.3	Remove
579	<i>Casuarina glauca</i>	Swamp Oak	0.19	0.25	2	2	2	2	2	13	11	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.3	1.8	Remove
580	<i>Casuarina glauca</i>	Swamp Oak	0.37	0.50	3	4	4	5	4	50	10	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	4.4	2.5	Remove
581	<i>Casuarina glauca</i>	Swamp Oak	0.34	0.35	2	3	1	3	2.25	16	8	Moderate (15-40)	Mature	Fair	Good	Significant	15-40	High	4.1	2.1	Remove
582	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.20	1	2	2	2	1.75	10	10	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.0	1.7	Remove
583	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.14	0.35	2	1	3	2	2	13	6	Moderate (15-40)	Mature	Fair	Fair	Moderate	15-40	Moderate	2.0	2.1	Remove
584	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.32	0.50	4	3	4	2	3.25	33	12	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	3.8	2.5	Remove
585	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.25	2	2	2	2	2	13	8	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.0	1.8	Remove
586	<i>Dysoxylum fraserianum</i>	Rosewood	1.01	0.65	7	7	5	6	6.25	123	16	Moderate (15-40)	Mature	Good	Fair	High	40+	High	12.1	2.8	Remove
587	<i>Dysoxylum fraserianum</i>	Rosewood	0.53	0.60	6	3	6	8	5.75	104	14	Moderate (15-40)	Mature	Good	Fair	High	40+	High	6.4	2.7	Remove
588	<i>Casuarina glauca</i>	Swamp Oak	0.41	0.35	3	4	4	3	3.5	38	10	Moderate (15-40)	Mature	Fair	Good	Significant	15-40	High	4.9	2.1	Remove
589	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.14	0.16	2	1	4	3	2.5	20	8	Short (5-15)	Mature	Fair	Good	Moderate	5-15	Low	2.0	1.5	Remove
590	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.16	2	2	3	3	2.5	20	8	Moderate (15-40)	Mature	Fair	Good	Moderate	15-40	Moderate	2.0	1.5	Remove
591	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.18	0.25	1	1	3	5	2.5	20	6	Moderate (15-40)	Semi-mature	Fair	Fair	Moderate	15-40	Moderate	2.2	1.8	Remove
592	<i>Stag</i>	#N/A	0.24	0.28	0	0	0	0	0	0	6	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	2.9	1.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
593	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.18	0.20	2	2	6	5	3.75	44	12	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.2	1.7	Remove
594	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.23	0.25	8	4	3	4	4.75	71	8	Remove (<5)	Mature	Fair	Poor	Moderate	5-15	Low	2.8	1.8	Remove
595	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.24	4	3	3	4	3.5	38	14	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	2.5	1.8	Remove
596	<i>Casuarina glauca</i>	Swamp Oak	0.31	0.41	4	5	4	4	4.25	57	20	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.7	2.3	Remove
597	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.25	3	4	3	4	3.5	38	10	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.8	1.8	Remove
598	<i>Casuarina glauca</i>	Swamp Oak	0.35	0.44	5	6	2	7	5	79	20	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	4.2	2.3	Remove
599	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.26	3	4	3	4	3.5	38	10	Moderate (15-40)	Mature	Good	Good	Significant	40+	High	2.8	1.9	Remove
600	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.21	0.25	4	4	4	4	4	50	7	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.5	1.8	Remove
601	<i>Casuarina glauca</i>	Swamp Oak	0.40	0.51	7	7	5	5	6	113	14	Moderate (15-40)	Mature	Good	Fair	Significant	40+	High	4.8	2.5	Remove
602	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.21	0.25	4	4	4	4	4	50	7	Moderate (15-40)	Mature	Good	Fair	Moderate	15-40	Moderate	2.5	1.8	Remove
603	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.30	5	4	3	4	4	50	13	Short (5-15)	Mature	Good	Good	Significant	15-40	High	2.6	2.0	Remove
604	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.24	3	3	3	3	3	28	12	Short (5-15)	Mature	Fair	Fair	Significant	5-15	High	2.8	1.8	Remove
605	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.45	0	0	0	0	0	0	7	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	3.0	2.4	Remove
606	<i>Casuarina glauca</i>	Swamp Oak	0.24	0.36	3	3	3	3	3	28	15	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.9	2.2	Remove
607	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.19	0.28	3	3	3	3	3	28	12	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.3	1.9	Remove
608	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.16	6	6	6	6	6	113	9	Short (5-15)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.5	Remove
609	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.20	0.26	3	3	2	2	2.5	20	10	Short (5-15)	Mature	Good	Fair	Moderate	15-40	Moderate	2.4	1.9	Remove
610	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.26	3	3	3	3	3	28	8	Moderate (15-40)	Semi-mature	Good	Fair	Moderate	15-40	Moderate	2.0	1.9	Remove
611	<i>Casuarina glauca</i>	Swamp Oak	0.19	0.24	5	5	4	5	4.75	71	9	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.3	1.8	Remove
612	<i>Casuarina glauca</i>	Swamp Oak	0.45	0.51	7	6	6	5	6	113	13	Moderate (15-40)	Mature	Good	Fair	Significant	40+	High	5.4	2.5	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
613	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.33	3	3	3	3	3	28	10	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.0	2.1	Remove
614	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.22	4	5	4	4	4.25	57	7	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	2.8	1.8	Remove
615	<i>Casuarina glauca</i>	Swamp Oak	0.46	0.53	7	7	7	4	6.25	123	14	Short (5-15)	Mature	Good	Poor	Significant	40+	High	5.5	2.5	Remove
616	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.23	0	0	0	0	0	0	11	Remove (<5)	Mature	Dead	Dead	Low	Dead	Low	2.4	1.8	Remove
617	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.23	0	0	0	0	0	0	11	Remove (<5)	Mature	Dead	Dead	Low	Dead	Low	2.4	1.8	Remove
618	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.20	0	0	0	0	0	0	8	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	2.5	1.7	Remove
619	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.25	4	3	3	3	3.25	33	10	Short (5-15)	Mature	Poor	Fair	Significant	5-15	High	2.4	1.8	Remove
620	<i>Casuarina glauca</i>	Swamp Oak	0.37	0.51	7	5	5	4	5.25	87	11	Short (5-15)	Mature	Good	Fair	Significant	40+	High	4.5	2.5	Remove
621	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.21	0.23	4	3	3	3	3.25	33	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	1.8	Remove
622	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.40	4	4	4	4	4	50	12	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.6	2.3	Remove
623	<i>Casuarina glauca</i>	Swamp Oak	0.24	0.28	4	3	3	3	3.25	33	10	Moderate (15-40)	Mature	Good	Fair	Significant	40+	High	2.9	1.9	Remove
624	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.23	3	3	3	3	3	28	4	Short (5-15)	Mature	Good	Poor	Significant	5-15	High	2.4	1.8	Remove
625	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.23	3	4	4	3	3.5	38	8	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.4	1.8	Remove
626	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.88	0.93	7	7	7	7	7	154	12	Remove (<5)	Over-mature	Poor	Poor	High	<5	Low	10.6	3.2	Remove
627	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	0.22	0.24	6	6	4	6	5.5	95	8	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.7	1.8	Remove
628	<i>Acmena smithii</i>	Lillypilly	0.35	0.40	6	7	6	6	6.25	123	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.2	2.3	Remove
630	<i>Acmena smithii</i>	Lillypilly	0.17	0.18	2	3	3	3	2.75	24	9	Moderate (15-40)	Mature	Good	Fair	High	40+	High	2.0	1.6	Remove
631	<i>Acmena smithii</i>	Lillypilly	0.16	0.21	6	3	2	2	3.25	33	10	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	1.7	Remove
632	<i>Acmena smithii</i>	Lillypilly	0.31	0.65	6	4	5	4	4.75	71	10	High (40+)	Mature	Good	Fair	High	40+	High	3.7	2.8	Remove
633	<i>Acmena smithii</i>	Lillypilly	0.17	0.20	5	3	3	3	3.5	38	9	High (40+)	Semi-mature	Fair	Fair	High	40+	High	2.0	1.7	Remove
634	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.40	0.45	5	5	5	5	5	79	7	Remove (<5)	Mature	Poor	Poor	Low	5-15	Low	4.8	2.4	Remove
635	<i>Alphitonia excelsa</i>	Red Ash	0.24	0.26	3	4	7	5	4.75	71	8	Moderate (15-40)	Mature	Good	Fair	High	40+	High	2.9	1.9	Remove
636	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.28	3	4	3	3	3.25	33	8	Moderate (15-40)	Semi-mature	Good	Fair	Moderate	40+	Moderate	2.0	1.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
637	<i>Alphitonia excelsa</i>	Red Ash	0.19	0.21	4	4	4	6	4.5	64	9	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.3	1.7	Remove
638	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.35	0.40	5	6	5	6	5.5	95	6	Moderate (15-40)	Mature	Good	Good	Low	15-40	Low	4.2	2.3	Remove
639	<i>Eucalyptus robusta</i>	Swamp Mahogany	1.43	1.60	8	8	8	8	8	201	14	Short (5-15)	Over-mature	Poor	Poor	Very High	5-15	High	15.0	4.0	Remove
647	<i>Eucalyptus robusta</i>	Swamp Mahogany	0.44	0.50	6	8	5	7	6.5	133	15	Moderate (15-40)	Mature	Fair	Fair	Very High	40+	High	5.3	2.5	Remove
648	<i>Livistona australis</i>	Cabbage Tree Palm	0.34	0.38	4	4	4	4	4	50	10	Moderate (15-40)	Mature	Good	Good	Very High	40+	High	4.1	2.2	Remove
649	<i>Alphitonia excelsa</i>	Red Ash	0.25	0.29	7	4	5	6	5.5	95	9	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.0	2.0	Remove
650	<i>Casuarina glauca</i>	Swamp Oak	0.33	0.35	3	4	3	3	3.25	33	13	Moderate (15-40)	Mature	Good	Fair	Significant	40+	High	4.0	2.1	Remove
651	<i>Acacia floribunda</i>	White Sally	0.22	0.20	2	0	1	4	1.75	10	9	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	2.6	1.7	Remove
652	<i>Banksia serrata</i>	Old Man Banksia	0.47	0.26	2	2	3	3	2.5	20	12	Moderate (15-40)	Mature	Good	Fair	High	40+	High	5.6	1.9	Remove
653	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.22	0.18	2	3	2	5	3	28	8	Short (5-15)	Mature	Good	Fair	High	15-40	Moderate	2.6	1.6	Remove
654	<i>Casuarina glauca</i>	Swamp Oak	0.32	0.25	3	4	3	3	3.25	33	13	Moderate (15-40)	Mature	Good	Good	Significant	40+	High	3.8	1.8	Remove
655	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.22	0.50	7	7	7	6	6.75	143	6	Moderate (15-40)	Mature	Good	Fair	High	40+	High	2.6	2.5	Remove
656	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.32	0.32	2	2	6	7	4.25	57	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.8	2.1	Remove
657	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.38	0.40	5	0	4	6	3.75	44	9	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.5	2.3	Remove
658	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.21	5	3	0	6	3.5	38	8	Short (5-15)	Mature	Good	Fair	High	40+	High	2.2	1.7	Remove
659	<i>Alphitonia excelsa</i>	Red Ash	0.55	0.65	7	7	7	7	7	154	12	Moderate (15-40)	Mature	Good	Fair	High	40+	High	6.7	2.8	Remove
660	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.26	0.26	1	1	6	7	3.75	44	8	Short (5-15)	Mature	Good	Fair	High	15-40	Moderate	3.1	1.9	Remove
662	<i>Leptospermum polygalifolium</i>	Tantoon	0.25	0.25	4	4	4	4	4	50	4	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.0	1.8	Remove
663	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.11	0.12	2	3	3	3	2.75	24	6	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
664	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.30	0.31	7	6	7	8	7	154	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.6	2.0	Remove
665	<i>Banksia serrata</i>	Old Man Banksia	0.23	0.28	0	0	0	0	0	0	6	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	2.8	1.9	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
666	<i>Glochidion ferdinandi</i> var. <i>ferdinandi</i>	Cheese Tree	0.19	0.20	4	4	5	4	4.25	57	8	High (40+)	Semi-mature	Good	Fair	High	40+	High	2.3	1.7	Remove
667	<i>Leptospermum juniperinum</i>	Prickly Tea-tree	0.30	0.35	2	2	1	10	3.75	44	7	Remove (<5)	Mature	Good	Poor	High	15-40	Moderate	3.6	2.1	Remove
668	<i>Banksia serrata</i>	Old Man Banksia	0.45	0.45	5	4	4	4	4.25	57	5	Remove (<5)	Over-mature	Fair	Poor	High	15-40	Moderate	5.4	2.4	Remove
669	<i>Leptospermum polygalifolium</i>	Tantoon	0.45	0.65	9	1	1	1	3	28	6	Remove (<5)	Over-mature	Fair	Poor	High	15-40	Moderate	5.4	2.8	Remove
671	<i>Phoenix canariensis</i> *	Canary Island Date Palm	0.33	0.35	4	4	5	4	4.25	57	8	Moderate (15-40)	Mature	Fair	Good	Low	40+	Moderate	4.0	2.1	Remove
672	<i>Acmena smithii</i>	Lillypilly	0.22	0.25	4	5	4	5	4.5	64	7	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.6	1.8	Remove
672	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.16	3	3	3	3	3	28	5	Short (5-15)	Semi-mature	Good	Fair	High	40+	High	2.0	1.5	Remove
673	<i>Acmena smithii</i>	Lillypilly	0.26	0.17	2	5	5	5	4.25	57	8	High (40+)	Mature	Good	Good	High	40+	High	3.1	1.6	Remove
674	<i>Acmena smithii</i>	Lillypilly	0.15	0.15	3	1	5	4	3.25	33	6	High (40+)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
675	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.27	0.29	3	4	5	4	4	50	7	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.2	2.0	Remove
676	<i>Erythrina x sykesii</i> *	Coral Tree	0.31	0.34	3	1	3	6	3.25	33	8	Short (5-15)	Mature	Good	Fair	Very Low	40+	Low	3.7	2.1	Remove
677	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.24	0.26	4	4	4	4	4	50	7	Moderate (15-40)	Mature	Good	Fair	High	40+	High	2.9	1.9	Remove
678	<i>Erythrina x sykesii</i> *	Coral Tree	0.21	0.21	6	3	2	4	3.75	44	7	Moderate (15-40)	Mature	Good	Fair	Very Low	40+	Low	2.6	1.7	Remove
679	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.15	4	3	3	3	3.25	33	6	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	1.5	Remove
680	<i>Acmena smithii</i>	Lillypilly	0.15	0.15	4	4	4	4	4	50	5	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
682	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.25	0.26	6	6	5	4	5.25	87	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	3.0	1.9	Remove
683	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.14	0.15	3	4	3	3	3.25	33	7	Short (5-15)	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	1.5	Remove
684	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.15	3	3	3	3	3	28	7	Short (5-15)	Semi-mature	Fair	Fair	High	15-40	Moderate	2.0	1.5	Remove
685	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.16	2	3	3	2	2.5	20	9	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	2.0	1.5	Remove
686	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.19	3	3	3	3	3	28	7	Moderate (15-40)	Semi-mature	Good	Fair	High	15-40	Moderate	2.0	1.6	Remove
687	<i>Leptospermum polygalifolium</i>	Tantoon	0.28	0.29	3	4	3	3	3.25	33	4	Short (5-15)	Mature	Good	Poor	High	40+	High	3.4	2.0	Remove
689	<i>Pittosporum undulatum</i>	Sweet Pittosporum	0.19	0.29	3	3	3	2	2.75	24	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.3	2.0	Retain
690	<i>Alphitonia excelsa</i>	Red Ash	0.34	0.36	4	4	3	3	3.5	38	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.1	2.2	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
691	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.29	3	2	2	2	2.25	16	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	2.0	Remove
692	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.23	0.22	1	2	1	1	1.25	5	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	1.8	Remove
693	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.40	2	3	2	2	2.25	16	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.8	2.3	Remove
694	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.22	1	2	2	2	1.75	10	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.3	1.8	Remove
695	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.25	0.29	1	2	2	2	1.75	10	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	2.0	Remove
696	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.21	1	2	2	2	1.75	10	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.7	Remove
697	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.20	0.23	2	2	2	2	2	13	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Remove
698	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.21	2	2	2	2	2	13	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.7	Remove
699	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.20	2	1	2	2	1.75	10	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.7	Remove
700	<i>Leptospermum juniperinum</i>	Prickly Tea-tree	0.45	0.50	5	6	7	6	6	113	5	Moderate (15-40)	Mature	Good	Poor	High	15-40	Moderate	5.4	2.5	Remove
701	<i>Casuarina glauca</i>	Swamp Oak	0.37	0.40	6	7	6	6	6.25	123	11	Moderate (15-40)	Mature	Good	Fair	High	40+	High	4.4	2.3	Remove
702	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.46	0.65	7	6	6	7	6.5	133	10	Moderate (15-40)	Mature	Good	Fair	High	40+	High	5.6	2.8	Remove
703	<i>Leptospermum polygalifolium</i>	Tantoon	0.35	0.30	2	2	2	2	2	13	6	Short (5-15)	Mature	Poor	Fair	High	15-40	Moderate	4.2	2.0	Remove
704	<i>Leptospermum polygalifolium</i>	Tantoon	0.29	0.32	5	6	6	5	5.5	95	6	Short (5-15)	Mature	Fair	Fair	High	15-40	Moderate	3.5	2.1	Remove
705	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.00	0.00	0	0	0	0	0	0	0	Remove (<5)	Over-mature	Dead	Dead	Low	Dead	Low	0.0	1.5	Remove
707	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.25	1.35	6	5	7	7	6.25	123	12	Moderate (15-40)	Mature	Good	Good	Very High	15-40	High	15.0	3.8	Retain
708	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.19	0.22	2	3	2	3	2.5	20	8	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.3	1.8	Retain
709	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.27	3	3	3	3	3	28	8	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.9	Retain
710	<i>Lophostemon confertus</i>	Brush Box	0.51	0.65	6	4	4	6	5	79	10	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	6.1	2.8	Retain
711	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.25	5	5	5	4	4.75	71	7	High (40+)	Mature	Good	Fair	High	40+	High	2.6	1.8	Remove
712	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.16	5	4	3	4	4	50	7	Moderate (15-40)	Mature	Good	Good	High	40+	High	2.0	1.5	Remove
713	<i>Acmena smithii</i>	Lillypilly	0.24	0.24	4	5	2	6	4.25	57	7	High (40+)	Mature	Good	Good	High	40+	High	2.9	1.8	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
800	<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>	Coast Banksia	0.12	0.35	6	5	5	4	5	79	6	Moderate (15-40)	Semi-mature	Good	Good	High	40+	High	2.0	2.1	Retain
801	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.45	0.25	3	4	3	4	3.5	38	6	Moderate (15-40)	Mature	Good	Fair	High	40+	High	5.4	1.8	Retain
802	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.20	0.25	6	4	0	2	3	28	7	Short (5-15)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Retain
804	<i>Casuarina glauca</i>	Swamp Oak	0.34	0.74	4	4	4	4	4	50	9	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	4.1	2.9	Retain
805	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.29	4	4	4	4	4	50	7	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.1	2.0	Retain
806	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.21	3	3	3	3	3	28	9	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.0	1.7	Retain
807	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.23	3	3	4	3	3.25	33	8	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.2	1.8	Retain
808	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.30	0.38	4	4	4	4	4	50	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.6	2.2	Retain
809	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.29	4	3	4	4	3.75	44	10	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.5	2.0	Retain
810	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.27	0.36	4	4	4	5	4.25	57	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	2.2	Retain
811	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.19	0.27	3	3	3	3	3	28	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.3	1.9	Retain
812	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.28	3	3	4	3	3.25	33	12	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.6	1.9	Retain
813	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.27	0.33	4	4	4	4	4	50	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.3	2.1	Retain
814	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.34	4	4	4	4	4	50	14	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	3.2	2.1	Retain
815	<i>Casuarina glauca</i>	Swamp Oak	0.19	0.25	4	4	4	3	3.75	44	14	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.3	1.8	Retain
816	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.36	5	4	5	4	4.5	64	12	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	3.6	2.2	Retain
817	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.35	5	4	4	4	4.25	57	12	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.2	2.1	Retain
818	<i>Casuarina glauca</i>	Swamp Oak	0.29	0.36	5	4	5	4	4.5	64	15	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.5	2.2	Retain
819	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.23	0.31	4	4	4	4	4	50	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	2.0	Retain
820	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.30	4	4	4	4	4	50	14	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	2.8	2.0	Retain
821	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.31	4	4	4	3	3.75	44	11	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.2	2.0	Retain
822	<i>Banksia serrata</i>	Old Man Banksia	0.45	0.58	5	4	5	4	4.5	64	10	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	5.4	2.6	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
823	<i>Banksia serrata</i>	Old Man Banksia	0.30	0.38	5	4	4	4	4.25	57	9	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.6	2.2	Remove
824	<i>Banksia serrata</i>	Old Man Banksia	0.44	0.55	5	4	3	4	4	50	11	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	5.3	2.6	Retain
825	<i>Banksia serrata</i>	Old Man Banksia	0.26	0.35	3	4	4	4	3.75	44	8	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.1	2.1	Retain
826	<i>Banksia serrata</i>	Old Man Banksia	0.60	0.68	4	4	4	4	4	50	12	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	7.2	2.8	Remove
827	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.34	3	4	4	4	3.75	44	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.6	2.1	Retain
828	<i>Casuarina glauca</i>	Swamp Oak	0.19	0.26	3	3	3	3	3	28	11	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.3	1.9	Retain
829	<i>Casuarina glauca</i>	Swamp Oak	0.37	0.42	4	4	4	5	4.25	57	10	Moderate (15-40)	Mature	Fair	Poor	High	15-40	Moderate	4.4	2.3	Retain
830	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.33	3	4	3	3	3.25	33	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	2.1	Retain
831	<i>Casuarina glauca</i>	Swamp Oak	0.28	0.34	4	3	4	4	3.75	44	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.4	2.1	Retain
832	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.22	3	3	3	3	3	28	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.8	Retain
833	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.27	3	4	3	3	3.25	33	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	1.9	Retain
834	<i>Casuarina glauca</i>	Swamp Oak	0.31	0.38	4	4	4	4	4	50	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.7	2.2	Retain
835	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.35	4	3	4	4	3.75	44	15	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.6	2.1	Retain
836	<i>Casuarina glauca</i>	Swamp Oak	0.17	0.23	3	3	3	3	3	28	11	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.8	Retain
837	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.27	4	4	4	3	3.75	44	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	1.9	Retain
838	<i>Casuarina glauca</i>	Swamp Oak	0.24	0.28	3	3	3	4	3.25	33	12	Short (5-15)	Mature	Fair	Fair	High	.5-15	Moderate	2.9	1.9	Retain
839	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.20	3	3	3	3	3	28	11	Short (5-15)	Mature	Fair	Good	High	.5-15	Moderate	2.0	1.7	Retain
840	<i>Casuarina glauca</i>	Swamp Oak	0.33	0.38	6	4	4	4	4.5	64	14	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.0	2.2	Retain
841	<i>Casuarina glauca</i>	Swamp Oak	0.27	0.33	4	4	4	3	3.75	44	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.2	2.1	Retain
842	<i>Eucalyptus punctata</i>	Grey Gum	0.42	0.46	5	5	4	5	4.75	71	15	High (40+)	Mature	Good	Good	High	40+	High	5.0	2.4	Retain
843	<i>Eucalyptus punctata</i>	Grey Gum	0.26	0.32	2	5	2	2	2.75	24	14	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.2	2.1	Retain
844	<i>Eucalyptus punctata</i>	Grey Gum	0.35	0.39	3	3	4	5	3.75	44	15	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	4.2	2.2	Retain
845	<i>Exocarpus cuppressiformis</i>	Cherry Ballart	0.20	0.24	4	4	3	4	3.75	44	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.4	1.8	Retain
846	<i>Exocarpus cuppressiformis</i>	Cherry Ballart	0.29	0.33	5	4	5	5	4.75	71	7	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.5	2.1	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
847	<i>Exocarpus cuppressiformis</i>	Cherry Ballart	0.32	0.34	5	4	4	4	4.25	57	8	Short (5-15)	Mature	Fair	Fair	High	.5-15	Moderate	3.8	2.1	Retain
848	<i>Casuarina glauca</i>	Swamp Oak	0.39	0.43	4	4	4	5	4.25	57	16	Short (5-15)	Mature	Fair	Poor	High	.5-15	Moderate	4.7	2.3	Retain
849	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.26	3	4	4	3	3.5	38	16	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	2.5	1.9	Retain
850	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.24	3	3	3	3	3	28	16	Remove (<5)	Mature	Poor	Poor	High	<5	Low	2.4	1.8	Retain
851	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.22	3	2	3	4	3	28	13	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.0	1.8	Retain
852	<i>Olea europea</i>	#N/A	0.29	0.33	5	3	4	5	4.25	57	11	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	3.5	2.1	Retain
853	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.27	4	3	3	3	3.25	33	10	High (40+)	Mature	Good	Good	High	40+	High	2.6	1.9	Retain
854	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.39	0.45	3	5	5	4	4.25	57	14	High (40+)	Mature	Good	Good	High	40+	High	4.7	2.4	Retain
855	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.65	0.77	6	6	6	6	6	113	16	High (40+)	Mature	Good	Good	High	40+	High	7.8	3.0	Retain
856	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.23	0.27	1	1	3	3	2	13	6	Short (5-15)	Semi-mature	Fair	Fair	High	.5-15	Moderate	2.8	1.9	Retain
857	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.60	0.80	6	6	6	7	6.25	123	14	High (40+)	Mature	Good	Good	High	40+	High	7.2	3.0	Retain
858	<i>Pittosporum undulatum</i>	Sweet Pittosporum	0.17	0.21	4	4	4	4	4	50	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.7	Retain
859	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.39	0.55	6	4	4	5	4.75	71	12	High (40+)	Mature	Good	Good	High	40+	High	4.7	2.6	Retain
860	<i>Monotoca elliptica</i>	Tree Broom-Heath	0.18	0.23	2	2	2	4	2.5	20	6	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.2	1.8	Retain
861	<i>Exocarpus cuppressiformis</i>	Cherry Ballart	0.17	0.22	3	3	4	3	3.25	33	9	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.0	1.8	Retain
862	<i>Olea europea</i>	#N/A	0.23	0.28	4	4	3	3	3.5	38	10	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	2.8	1.9	Retain
863	<i>Casuarina glauca</i>	Swamp Oak	0.17	0.23	3	3	3	3	3	28	16	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.0	1.8	Retain
864	<i>Exocarpus cuppressiformis</i>	Cherry Ballart	0.24	0.28	4	4	4	4	4	50	11	Short (5-15)	Mature	Poor	Fair	High	.5-15	Moderate	2.9	1.9	Retain
865	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.39	0.54	6	4	6	6	5.5	95	15	High (40+)	Mature	Good	Good	High	40+	High	4.7	2.6	Retain
866	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.33	4	4	4	4	4	50	17	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	2.1	Retain
867	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.31	4	3	4	3	3.5	38	16	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.8	2.0	Retain
868	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.30	3	3	3	3	3	28	16	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	2.6	2.0	Retain
869	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.29	3	3	3	3	3	28	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.5	2.0	Retain
870	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.30	3	3	4	4	3.5	38	14	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.6	2.0	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
871	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.18	0.22	3	3	3	3	3	28	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.2	1.8	Retain
872	<i>Exocarpus cuppressiformis</i>	Cherry Ballart	0.21	0.24	4	4	4	3	3.75	44	9	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	2.5	1.8	Retain
873	<i>Casuarina glauca</i>	Swamp Oak	0.26	0.31	4	4	4	4	4	50	17	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.1	2.0	Retain
874	<i>Casuarina glauca</i>	Swamp Oak	0.34	0.38	4	4	4	4	4	50	18	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	4.1	2.2	Retain
875	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.23	3	3	3	3	3	28	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.3	1.8	Retain
876	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.22	0.27	4	3	4	4	3.75	44	9	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.7	1.9	Retain
877	<i>Casuarina glauca</i>	Swamp Oak	0.21	0.28	3	3	3	3	3	28	13	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.5	1.9	Retain
878	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.31	4	3	4	4	3.75	44	13	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.8	2.0	Retain
879	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.21	3	2	3	4	3	28	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.7	Retain
880	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.19	0.25	3	3	4	4	3.5	38	8	High (40+)	Semi-mature	Good	Good	High	40+	High	2.3	1.8	Retain
881	<i>Monotoca elliptica</i>	Tree Broom-Heath	0.22	0.35	3	2	2	3	2.5	20	6	Short (5-15)	Mature	Good	Fair	High	.5-15	Moderate	2.6	2.1	Retain
882	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.21	3	3	3	3	3	28	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.2	1.7	Retain
883	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.20	3	3	3	3	3	28	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.7	Retain
884	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.19	3	3	3	3	3	28	8	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
885	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.18	3	3	3	3	3	28	6	Short (5-15)	Semi-mature	Good	Fair	High	.5-15	Moderate	2.0	1.6	Retain
886	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.19	3	2	3	3	2.75	24	6	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.6	Retain
887	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.52	0.65	4	4	4	4	4	50	16	High (40+)	Mature	Good	Good	High	40+	High	6.2	2.8	Retain
888	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.62	0.88	5	4	5	4	4.5	64	17	High (40+)	Mature	Good	Good	High	40+	High	7.4	3.1	Retain
889	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.38	1.60	5	4	5	4	4.5	64	17	High (40+)	Mature	Good	Fair	High	40+	High	15.0	4.0	Retain
890	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.13	1.50	8	7	8	5	7	154	17	High (40+)	Mature	Good	Fair	High	40+	High	13.6	3.9	Retain
891	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.28	0.30	5	4	2	4	3.75	44	7	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	3.3	2.0	Retain
892	<i>Salix nigra</i>	Black Willow	0.28	0.40	4	4	4	4	4	50	7	High (40+)	Semi-mature	Good	Fair	Very Low	40+	Low	3.4	2.3	Retain
893	<i>Salix nigra</i>	Black Willow	0.25	0.31	4	4	4	4	4	50	10	High (40+)	Mature	Good	Good	Very Low	40+	Low	3.0	2.0	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
894	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.15	0.18	2	2	2	2	2	13	6	Short (5-15)	Semi-mature	Poor	Good	High	.5-15	Moderate	2.0	1.6	Retain
895	<i>Salix nigra</i>	Black Willow	0.15	0.19	3	3	3	3	3	28	7	Short (5-15)	Semi-mature	Good	Good	Very Low	.5-15	Very Low	2.0	1.6	Remove
896	<i>Salix nigra</i>	Black Willow	0.15	0.18	2	2	2	2	2	13	6	Short (5-15)	Semi-mature	Fair	Poor	Very Low	.5-15	Very Low	2.0	1.6	Remove
897	<i>Salix nigra</i>	Black Willow	0.20	0.26	3	3	3	4	3.25	33	8	Moderate (15-40)	Mature	Good	Fair	Very Low	15-40	Low	2.4	1.9	Remove
898	<i>Casuarina glauca</i>	Swamp Oak	0.36	0.42	4	4	4	4	4	50	17	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	4.4	2.3	Retain
899	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.19	3	2	3	2	2.5	20	6	Moderate (15-40)	Semi-mature	Poor	Good	High	15-40	Moderate	2.0	1.6	Retain
900	<i>Casuarina glauca</i>	Swamp Oak	0.24	0.40	4	4	4	3	3.75	44	15	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	2.9	2.3	Retain
901	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.55	0.50	6	6	5	6	5.75	104	9	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	6.6	2.5	Retain
902	<i>Eupomatia laurina</i>	Bolwarra	0.19	0.21	5	4	4	4	4.25	57	5	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.3	1.7	Retain
903	<i>Casuarina glauca</i>	Swamp Oak	0.32	0.35	7	4	0	2	3.25	33	8	Remove (<5)	Mature	Fair	Poor	Significant	.5-15	High	3.8	2.1	Retain
904	<i>Casuarina glauca</i>	Swamp Oak	0.50	0.55	6	5	3	7	5.25	87	12	Short (5-15)	Over-mature	Fair	Good	Significant	.5-15	High	6.0	2.6	Retain
905	<i>Casuarina glauca</i>	Swamp Oak	0.45	0.55	3	7	3	2	3.75	44	11	Remove (<5)	Over-mature	Fair	Poor	Significant	.5-15	High	5.4	2.6	Retain
906	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.32	1	5	5	5	4	50	12	Short (5-15)	Mature	Good	Fair	Significant	.5-15	High	3.6	2.1	Retain
907	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.25	2	3	2	2	2.25	16	13	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	2.8	1.8	Retain
908	<i>Casuarina glauca</i>	Swamp Oak	0.23	0.26	3	4	4	3	3.5	38	13	Short (5-15)	Mature	Good	Good	Significant	15-40	High	2.8	1.9	Retain
909	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.94	1.00	6	7	1	2	4	50	12	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	11.3	3.3	Retain
910	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.18	3	3	3	3	3	28	8	Moderate (15-40)	Semi-mature	Good	Good	Moderate	15-40	Moderate	2.0	1.6	Retain
911	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.24	4	4	0	3	2.75	24	10	Moderate (15-40)	Mature	Fair	Fair	Significant	15-40	High	2.4	1.8	Retain
912	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.20	4	4	3	3	3.5	38	10	Short (5-15)	Mature	Fair	Fair	Significant	.5-15	High	2.2	1.7	Retain
913	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.20	0.20	3	3	3	3	3	28	8	Moderate (15-40)	Semi-mature	Fair	Good	High	15-40	Moderate	2.4	1.7	Retain
914	<i>Casuarina glauca</i>	Swamp Oak	0.77	0.85	8	7	8	8	7.75	189	15	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	9.3	3.1	Retain
915	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.11	0.14	3	3	3	3	3	28	9	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.5	Retain

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
916	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.65	0.80	6	4	0	5	3.75	44	7	Moderate (15-40)	Mature	Fair	Fair	Very High	15-40	High	7.8	3.0	Retain
917	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.37	0.60	7	6	6	3	5.5	95	8	Moderate (15-40)	Mature	Fair	Fair	Very High	15-40	High	4.4	2.7	Retain
918	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.18	0.25	4	4	2	1.5	2.875	26	5	Moderate (15-40)	Mature	Good	Fair	Very High	15-40	High	2.2	1.8	Retain
919	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.23	0.26	2	1	1	1	1.25	5	6	Moderate (15-40)	Mature	Fair	Fair	Very High	15-40	High	2.7	1.9	Remove
920	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.18	0.20	4	3	3	3	3.25	33	5	Young or Small Tree	Semi-mature	Fair	Good	High	.5-15	Moderate	2.2	1.7	Retain
921	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.32	0.35	4	4	2	2	3	28	7	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.8	2.1	Remove
922	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.32	0.13	8	8	8	8	8	201	17	Moderate (15-40)	Mature	Good	Fair	Very High	15-40	High	15.0	1.5	Remove
923	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.13	0.14	4	1	1	4	2.5	20	5	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
924	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.16	0.18	2	4	1.5	1.5	2.25	16	4	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	2.0	1.6	Remove
925	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	1.03	2.00	6	6	3	3	4.5	64	16	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	12.3	4.4	Remove
926	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.41	2	2	3	4	2.75	24	15	Moderate (15-40)	Mature	Fair	Good	High	15-40	Moderate	3.7	2.3	Remove
927	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.31	0.32	3	0	3	6	3	28	12	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	3.8	2.1	Remove
928	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.51	0.55	5	0	2	7	3.5	38	13	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	6.1	2.6	Remove
929	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.90	0.94	6	6	5	5	5.5	95	16	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	10.9	3.2	Remove
930	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.11	0.10	3	3	3	3	3	28	6	Young or Small Tree	Semi-mature	Good	Good	Moderate	15-40	Moderate	2.0	1.5	Remove
931	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.13	0.11	2	3	3	5	3.25	33	5	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
932	<i>Ficus rubiginosa</i>	Port Jackson Fig	0.15	0.20	3	3	3	3	3	28	10	High (40+)	Juvenile	Good	Good	High	15-40	Moderate	2.0	1.7	Remove
933	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.16	0.18	2	2	3	2	2.25	16	13	Moderate (15-40)	Semi-mature	Good	Good	Moderate	15-40	Moderate	2.0	1.6	Remove
934	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.14	0.15	1.5	2	3	2	2.125	14	9	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W													
935	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.59	0.64	3	3	6	6	4.5	64	16	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	7.1	2.7	Remove
936	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.15	0.19	3	3	3	3	3	28	13	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.6	Remove
937	<i>Ficus rubiginosa</i>	Port Jackson Fig	0.18	0.18	3	4	3	3	3.25	33	7	Young or Small Tree	Semi-mature	Fair	Fair	High	15-40	Moderate	2.2	1.6	Remove
938	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.54	0.55	2	7	2	7	4.5	64	12	Short (5-15)	Mature	Poor	Fair	High	.5-15	Moderate	6.5	2.6	Remove
939	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.26	0.20	4	4	4	4	4	50	10	Moderate (15-40)	Semi-mature	Fair	Good	High	15-40	Moderate	3.1	1.7	Retain
940	<i>Alphitonia excelsa</i>	Red Ash	0.31	0.38	5	4	4	4	4.25	57	10	Moderate (15-40)	Mature	Fair	Fair	High	15-40	Moderate	3.7	2.2	Remove
941	<i>Alphitonia excelsa</i>	Red Ash	0.24	0.34	3	3	3	3	3	28	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.9	2.1	Remove
942	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.95	1.05	7	6	7	6	6.5	133	16	Moderate (15-40)	Mature	Good	Fair	Very High	40+	High	11.4	3.4	Retain
943	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.30	0.35	3	3	3	3	3	28	14	Moderate (15-40)	Mature	Good	Good	Very High	15-40	High	3.6	2.1	Retain
944	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.11	0.15	3	3	3	3	3	28	7	Young or Small Tree	Semi-mature	Fair	Good	Moderate	15-40	Moderate	2.0	1.5	Retain
945	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.11	0.12	2	3	3	2	2.5	20	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Retain
946	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.75	0.80	7	8	7	7	7.25	165	11	Moderate (15-40)	Mature	Fair	Fair	High	40+	High	9.0	3.0	Retain
947	<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree	0.56	0.65	3	3	3	3	3	28	6	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	6.8	2.8	Retain
948	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.53	0.54	5	5	4	4	4.5	64	10	Moderate (15-40)	Mature	Good	Good	High	40+	High	6.4	2.6	Remove
949	<i>Eucalyptus robusta</i>	Swamp Mahogany	0.49	0.52	8	5	5	3	5.25	87	8	High (40+)	Mature	Good	Fair	High	40+	High	5.9	2.5	Retain
950	<i>Eucalyptus robusta</i>	Swamp Mahogany	0.47	0.50	4	4	4	4	4	50	10	High (40+)	Mature	Good	Good	High	40+	High	5.7	2.5	Retain
951	<i>Casuarina glauca</i>	Swamp Oak	0.29	0.31	2	2	1	2	1.75	10	12	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.5	2.0	Retain
952	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.18	3	3	3	3	3	28	9	Moderate (15-40)	Semi-mature	Good	Fair	Significant	15-40	High	2.0	1.6	Retain
953	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.11	0.15	1.5	1.5	1.5	1.5	1.5	7	11	Moderate (15-40)	Semi-mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
954	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.16	2	2	2	2	2	13	9	Moderate (15-40)	Semi-mature	Good	Good	Moderate	15-40	Moderate	2.0	1.5	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)											
955	<i>Eucalyptus robusta</i>	Swamp Mahogany	0.18	0.20	2.5	1.5	1	2	1.75	10	12	High (40+)	Semi-mature	Good	Good	High	40+	High	2.2	1.7	Remove
956	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.16	2	1	2	1	1.5	7	8	Moderate (15-40)	Semi-mature	Good	Fair	Significant	15-40	High	2.0	1.5	Retain
957	<i>Ficus rubiginosa</i>	Port Jackson Fig	0.25	0.26	4	3	3	4	3.5	38	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	3.0	1.9	Retain
958	<i>Casuarina glauca</i>	Swamp Oak	0.54	1.10	3	3	3	3	3	28	15	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	6.5	3.4	Remove
959	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.60	0.65	6	5	4	4	4.75	71	8	Remove (<5)	Mature	Poor	Poor	High	<5	Low	7.2	2.8	Remove
960	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.28	0.32	3	3	3	3	3	28	15	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	3.4	2.1	Remove
961	<i>Casuarina glauca</i>	Swamp Oak	0.10	0.10	3	2	2	3	2.5	20	9	Moderate (15-40)	Semi-mature	Good	Good	Significant	15-40	High	2.0	1.5	Retain
962	<i>Casuarina glauca</i>	Swamp Oak	0.15	0.15	2	2	2	2	2	13	11	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.0	1.5	Remove
963	<i>Casuarina glauca</i>	Swamp Oak	0.18	0.15	1	1	1	2	1.25	5	12	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.2	1.5	Remove
964	<i>Casuarina glauca</i>	Swamp Oak	0.41	0.32	1	1	1	2	1.25	5	12	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	4.9	2.1	Remove
966	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.21	0.25	1	3	1	1	1.5	7	15	Moderate (15-40)	Semi-mature	Good	Good	Moderate	15-40	Moderate	2.5	1.8	Remove
967	<i>Casuarina glauca</i>	Swamp Oak	0.32	0.36	3	3	4	3	3.25	33	15	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	3.8	2.2	Remove
968	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.13	0.14	3	3	2	3	2.75	24	11	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.5	Retain
969	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.13	0.14	3	3	1	3	2.5	20	8	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.5	Retain
970	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.16	0.18	4	3	0	3	2.5	20	10	Moderate (15-40)	Mature	Good	Fair	Moderate	15-40	Moderate	2.0	1.6	Remove
971	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.14	0.16	4	3	2	3	3	28	11	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.5	Retain
972	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.20	0.25	4	3	3	3	3.25	33	10	Moderate (15-40)	Mature	Good	Fair	Moderate	15-40	Moderate	2.4	1.8	Remove
973	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.16	0.17	3	3	2	3	2.75	24	9	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.6	Remove
974	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.20	0.21	4	4	3	4	3.75	44	13	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.4	1.7	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
975	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.22	0.26	4	4	4	4	4	50	13	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.6	1.9	Remove
976	<i>Casuarina glauca</i>	Swamp Oak	0.19	0.19	1	1	1	2	1.25	5	12	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.3	1.6	Remove
977	<i>Casuarina glauca</i>	Swamp Oak	0.14	0.15	0.5	1	1	2	1.125	4	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.5	Remove
978	<i>Casuarina glauca</i>	Swamp Oak	0.16	0.21	0.5	1	1	1	0.875	2	12	Moderate (15-40)	Mature	Good	Good	High	15-40	Moderate	2.0	1.7	Remove
979	<i>Casuarina glauca</i>	Swamp Oak	0.30	0.35	2	2	2	2	2	13	14	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.6	2.1	Remove
980	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.19	0.21	3	2	2	2	2.25	16	4	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.3	1.7	Remove
981	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.20	0.21	3	2	2	2	2.25	16	15	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.4	1.7	Remove
982	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.21	2	2	2	2	2	13	13	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.7	Remove
983	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.21	2	0.5	0.5	2	1.25	5	13	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.7	Retain
984	<i>Casuarina glauca</i>	Swamp Oak	0.50	0.56	3	3	3	3	3	28	16	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	6.0	2.6	Remove
985	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.56	1	1	1	1	1	3	16	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.6	2.6	Remove
986	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.21	2	2	2	2	2	13	12	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.7	Remove
987	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.15	0.21	3	3	2	3	2.75	24	15	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.7	Remove
988	<i>Casuarina glauca</i>	Swamp Oak	0.22	0.56	1	3	1	1	1.5	7	16	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.6	2.6	Remove
991	<i>Casuarina glauca</i>	Swamp Oak	0.35	0.45	3	3	3	3	3	28	16	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	4.2	2.4	Remove
992	<i>Casuarina glauca</i>	Swamp Oak	0.25	0.28	2	2	2	2	2	13	16	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	3.0	1.9	Remove
993	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.18	0.21	2	2	2	2	2	13	13	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.2	1.7	Remove
994	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.31	0.33	6	6	4	4	5	79	9	Moderate (15-40)	Mature	Good	Fair	Moderate	15-40	Moderate	3.7	2.1	Remove
995	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.87	0.95	8	8	8	8	8	201	13	Moderate (15-40)	Mature	Good	Fair	Very High	15-40	High	10.5	3.2	Remove

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	SULE	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m²)											
996	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.61	0.73	5	8	6	3	5.5	95	12	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	7.3	2.9	Remove
997	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.25	0.33	2	4	4	1	2.75	24	11	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	3.0	2.1	Remove
998	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.20	0.21	2	4	1	3	2.5	20	11	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.4	1.7	Remove
999	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.26	0.27	3	3	3	4	3.25	33	15	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	3.1	1.9	Remove
1000	<i>Casuarina glauca</i>	Swamp Oak	0.56	0.62	7	8	7	7	7.25	165	20	Moderate (15-40)	Mature	Good	Fair	Significant	15-40	High	6.7	2.7	Remove
1001	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.17	0.27	3	3	3	4	3.25	33	15	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	2.0	1.9	Remove
1002	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.29	0.33	3	4	5	1	3.25	33	11	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	3.5	2.1	Remove
1003	<i>Casuarina glauca</i>	Swamp Oak	0.20	0.28	2	1	2	1.5	1.625	8	10	Moderate (15-40)	Mature	Good	Good	Significant	15-40	High	2.4	1.9	Remove
1004	<i>Lagunaria patersonia</i>	Norfolk Island Hibiscus	0.42	0.52	3	4	3	4	3.5	38	17	Moderate (15-40)	Mature	Good	Good	Moderate	15-40	Moderate	5.0	2.5	Retain
375a	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	0.75	0.37	5	5	4	4	4.5	64	10	Moderate (15-40)	Mature	Good	Fair	High	15-40	Moderate	9.0	2.2	Retain

Appendix B – SULE Methodology

SULE (Safe Useful Life Expectancy)

In planning context, the time a tree can expect to be usefully retained is the most important long-term consideration. SULE i.e. a system designed to classify trees into a number of categories so that information regarding tree retention can be concisely communicated in a non-technical manner. SULE categories are easily verifiable by experienced personnel without great disparity. A tree's SULE category is the life expectancy of the tree modified first by its age, health, condition, safety and location (to give safe life expectancy), then by economics (i.e. cost of maintenance: retaining trees at an excessive management cost is not normally acceptable), effect on better trees, and sustained amenity (i.e. establishing a range of age classes in a local population). SULE assessments are not static but may be modified as dictated by changes in tree health and environment. Trees with a short SULE may be at present by making a contribution to the landscape but their value to the local amenity will decrease rapidly towards the end of this period, prior to their being removed for safety or aesthetic reasons.

SULE Methodology

1. Long SULE - tree appeared retainable at the time of assessment for over 40 years with an acceptable degree of risk, assuming reasonable maintenance;

- A. Structurally sound trees located in positions that can accommodate future growth.
- B. Trees which could be made suitable for long term retention by remedial care
- C. Trees of special significance which would warrant extraordinary efforts to secure their long-term retention.

2. Medium SULE- tree appeared to be retainable at the time of assessment for 15 to 40 years with an acceptable degree of risk, assuming reasonable maintenance;

- A. Trees which may only live from 15 to 40 years.<sup>[L]
[SEP]</sup>
- B. Trees which may live for more than 40 years but would be removed for safety or nuisance reasons.
- C. Trees which may live for more than 40 years but would be removed to prevent interference with more suitable individuals or to provide space for new planting.
- D. Trees which could be made suitable for retention in the medium term by remedial care.

3. Short SULE - tree appeared to be retainable at the time of assessment for 5 to 15 years with an acceptable degree of risk, assuming reasonable maintenance:

- A. Trees which may only live from 5 to 15 years.<sup>[L]
[SEP]</sup>
- B. Trees which may live for more than 15 years but would be removed for safety or nuisance reasons.
- C. Trees which may live for more than 15 years but would be removed to prevent interference with more suitable individuals or to provide space for new planting.
- D. Trees which require substantial remediation and are only suitable for retention in the short term.

4. Removal - trees which should be removed within the next 5 years;

- A. Dead, dying, suppressed or declining trees.
- B. Dangerous trees through instability or recent loss of adjacent trees.
- C. Dangerous trees because of structural defects including cavities, decay, included bark, wounds or poor form.
- D. Damaged trees that are clearly not safe to retain.<sup>[L]
[SEP]</sup>

E. Trees which may live for more than 5 years but would be removed to prevent interference with more suitable individuals or to provide space for new planting.<sup>[L]
[SEP]</sup>

F. Trees which are damaging or may cause damage to existing structures within the next 5 years.

G. Trees that will become dangerous after removal of other trees for the reasons given in (a) to (f).

H. Trees in categories (a) to (g) that have a high wildlife habitat value and, with appropriate treatment, could be retained subject to regular review.

5. Small, young or regularly pruned - Trees that can be moved or replaced;

A. Small trees less than 5m in height.<sup>[L]
[SEP]</sup>

B. Young trees less than 15 years old but over 3m in height.<sup>[L]
[SEP]</sup>

C. Formal hedges and trees intended for regular pruning to artificially control growth.

GLOSSARY

Age Classes

- Juvenile refers to an immature tree.
- Semi-mature refers to a tree between immaturity and full size.
- Mature refers to a full-sized tree with some capacity for further growth.
- Over-mature refers to a tree already in decline.

Diameter at breast height (DBH)

Tree stem diameter at 1.4 metres above ground level.

Diameter at buttress (DAB)

Tree stem diameter as measured above the root buttress at ground level.

Tree Protection Zone (TPZ)

An indicative measure of the area necessary to protect for tree viability, encompassing the area necessary to protect both the crown and woody roots as calculated by the formula $TPZ = DBH \times 12$

Structural Root Zone (SRZ)

An indicative measure of the spread of the primary woody and structural roots necessary for tree stability, as calculated by the formula $SRZ = (DAB \times 50)^{0.42} \times 0.64$

Visual Tree Assessment (VTA)

Visual inspection of tree only.

Co-dominant leaders

A tree where two or more stems are of similar diameter.

Included Bark Junctions

A junction where the angle of the union creates an area of ingrown bark. This can create a structural weakness, and is often found on co-dominant stems.

Crown

The portion of the tree consisting of branches and leaves and any part of the trunk from which branches arise.

Stem

The position of the tree consisting of branches and leaves and any part of the trunk from which branches arise. An organ which supports branches, leaves, flowers and fruits.

Epicormic Growth

Refers to shoots produced by dormant buds within the bark or stem of a tree as a result of stress, incorrect pruning or increased light.

Health Condition

Exceptional

- Visually complete crown with dense foliage throughout that indicates strong health and vigour.
- Leaf size and colour that is true to type for the species and free from pest (insect) and disease (pathogen) damage.
- Expected levels of primary growth or seasonal extension and internodal growth evident for the species.

- No evidence of colonising saprophytes and no deadwood evident.

Good

- Visually complete crown, varying in foliage density throughout.
- Leaf size and colour that is true to type for the species with none or minor levels of pest (insect) and/or disease (pathogen) damage evident.
- Expected levels of primary growth or seasonal extension and internodal growth evident for the species.
- No evidence of colonising saprophytes and low levels of deadwood present and approximately 10mm or less in size.

Fair

- Sparse crown, varying in foliage density throughout.
- Reduced leaf size and atypical in colour for the species.
- Low to medium levels of pest (insect) and/or disease (pathogen) damage.
- Reduced, seasonal extension and internodal growth.
- Deadwood easily visible and less than approximately 30mm in size.
- Epicormic growth may be evident.

Poor

- Obvious signs of crown decline, exhibiting significant reduction in live crown volume and foliage density with reduced leaf size and atypical in colour for the species.
- Evidence of defoliation and/or dieback of branch tips.
- Medium to high levels of pest (insect) and disease (pathogen) damage.
- Presence of exudates (kino and resins) from wounds (open and/or weeping).
- Significant reduction in seasonal extension and internodal growth, with significant levels of epicormic growth evident.
- Deadwood easily visible, approximately 30mm to 100mm in size.

Dead

- No evidence of live foliage observed throughout the crown.
- Obvious signs of cracking and shrinking wood.
- Visible evidence of delaminating bark to stems and branches.

Structure Condition**Very Good**

- Strong branch unions at attachment points with no acute angles (compression and tension forks) and good branch taper at unions.
- No visibly, defective tree parts or structural defects.
- No wounds to stems and branches, no crossing and rubbing of branches and no wounds to exposed roots.
- No fungal fruiting bodies present to stems, branches and roots indicating, a presence of fungal pathogens.

Good to Fair

- Developing inclusions at unions of leading, codominant stems and branches.

- Evidence of defective tree parts (low levels) including branch and stem inclusions and crossing and rubbing of branches.
- Evidence of mechanical damage to periderm of stems, branches and roots, exposing vascular tissues.
- Exposed wounds for surface, colonising pathogens and entry points for developing decay.
- Presence of fungal fruiting bodies.
- Some evidence of cavities or hollows. (Fair only)
- No evidence of soil upheaval surrounding base of tree.

Poor

- Obvious signs and evidence of included bark to basal unions of codominant, leading stems and branches.
- Advanced, structural defects evident with failure of tree parts determined within 5 years from time of inspection and assessment.
- Evidence of decay from open wounds with presence of exudates (kino and resins) and exposed and degraded woody tissues.
- Presence of fungal fruiting bodies.
- Presence of cavities and hollows.
- Evidence of mechanical damage with advanced degradation of exposed roots.

a) Hazardous Tree

b) Immediate Removal

- Advanced, structural defects evident. Open cracks to codominant stem and branch unions evident.
- Previous branch and stem failures evident. Failure of remaining tree parts determined within 3 months 6 months, from time of inspection and assessment. Arboricultural works to be scheduled immediately to mitigate associated hazard and risk.
- Severed roots and soil upheaval evident indicating failure of root zone.
- Tree failure imminent within 12 months from time of inspection and assessment

Landscape Significance

Assesses a tree within the landscape and rates according to criteria taken from Morton (2006):

1. Significant

- The subject tree is listed as a Heritage Item under the Local Environment Plan (LEP) with a local, state or national level of significance; or
- The subject tree forms part of the curtilage of a Heritage Item (building / structure /artifact as defined under the LEP) and has a known or documented association with that item; or
- The subject tree is a Commemorative Planting having been planted by an important historical person (s) or to commemorate an important historical event; or
- The subject tree is scheduled as a Threatened Species or is a key indicator species of an Endangered Ecological Community as defined under the or Biodiversity Conservation Act 2016 (NSW) or The Environmental Protection and Biodiversity Conservation Act 1999 (Federal); or

- The tree is a locally indigenous species, representative of the original vegetation of the area and is known as an important food, shelter or nesting tree for endangered or threatened fauna species; or
- The subject tree is a Remnant Tree, being a tree in existence prior to development of the area; or
- The subject tree has a very large live crown size exceeding 300m² with normal to dense foliage cover, is located in a visually prominent in the landscape, exhibits very good form and habit typical of the species and makes a significant contribution to the amenity and visual character of the area by creating a sense of place or creating a sense of identity; or
- The tree is visually prominent in view from surrounding areas, being a landmark or visible from a considerable distance.

2. Very high

- The tree has a strong historical association with a heritage item (building/structure/artifact/garden etc) within or adjacent the property and/or
- Exemplifies a particular era or style of landscape design associated with the original development of the site; or
- The subject tree is listed on Council's Significant Tree Register; or
- The tree is a locally-indigenous species and representative of the original vegetation of the area and the tree is located within a defined Vegetation Link/ Wildlife Corridor or has known wildlife habitat value;
- The subject tree has a very large live crown size exceeding 200m²; a crown density exceeding 70% Crown Cover (normal-dense), is a very good representative of the species in terms of its form and branching habit or is aesthetically distinctive and makes a positive contribution to the visual character and the amenity of the area.

3. High

- The tree has a suspected historical association with a heritage item or landscape supported by anecdotal or visual evidence; or
- The tree is a locally-indigenous species and representative of the original vegetation of the area; or
- The subject tree has a large live crown size exceeding 100m²; and
- The tree is a good representative of the species in terms of its form and branching habit with minor deviations from normal (eg crown distortion/suppression) with a crown density of at least 70% Crown Cover (normal); and
- The subject tree is visible from the street and surrounding properties and makes a positive contribution to the visual character and the amenity of the area.

4. Moderate

- The subject tree has a medium live crown size exceeding 40m²; and
- The tree is a fair representative of the species, exhibiting moderate deviations from typical form (distortion/suppression etc) with a crown density of more than 50% Crown Cover (thinning to normal); and
- The tree makes a fair contribution to the visual character and amenity of the area; and
- The tree is visible from surrounding properties, but is not visually prominent – view may be partially obscured by other vegetation or built forms.
- The tree has no known or suspected historical association

5. Low

- The subject tree has a small live crown size of less than 40m² and can be replaced within the short term with new tree planting; or
- The tree is a poor representative of the species, showing significant deviations from the typical form and branching habit with a crown density of less than 50% Crown Cover (sparse); and
- The subject tree is not visible from surrounding properties (visibility obscured) and makes a negligible contribution or has a negative impact on the amenity and visual character of the area.

6. Very low

- The subject tree is listed as an Environment Weed Species in the relevant Local Government Area, being invasive, or a nuisance species.
- The subject tree is scheduled as exempt (not protected) under the provisions of the local Council's Tree Preservation Order due to its species, nuisance or position relative to buildings or other structures.

7. Insignificant

- The tree is a declared Noxious Weed under the Noxious Weeds Act (NSW) 1993 or identified as a priority weed within the local region.

Appendix C – Site Photographs



Plate 1 - Typical low-growing coastal stands of trees along a fairway, consisting of Paperbarks, Banksias and She Oaks.



Plate 2 – Mature Paperbarks adjacent to Nelson Bay Rd with carefully pruned trunks and manicured turf as an understorey.



Plate 3 – low-lying areas that are often saturated trigger suckering in *Casuarina* trees and other species



Plate 4 – a corridor of Coral trees, *Casuarina* and *Melaleuca* provide a visual screen from traffic and reduce stray golf balls escaping the course.



Plate 5 – a typical mature *Melaleuca quinquenervia*, Broad-leaved Paperbark associated with coastal wetlands.



Plate 6 – *Banksia serrata*, a larger coastal species that is bird-attracting and tolerant of harsh coastal conditions.

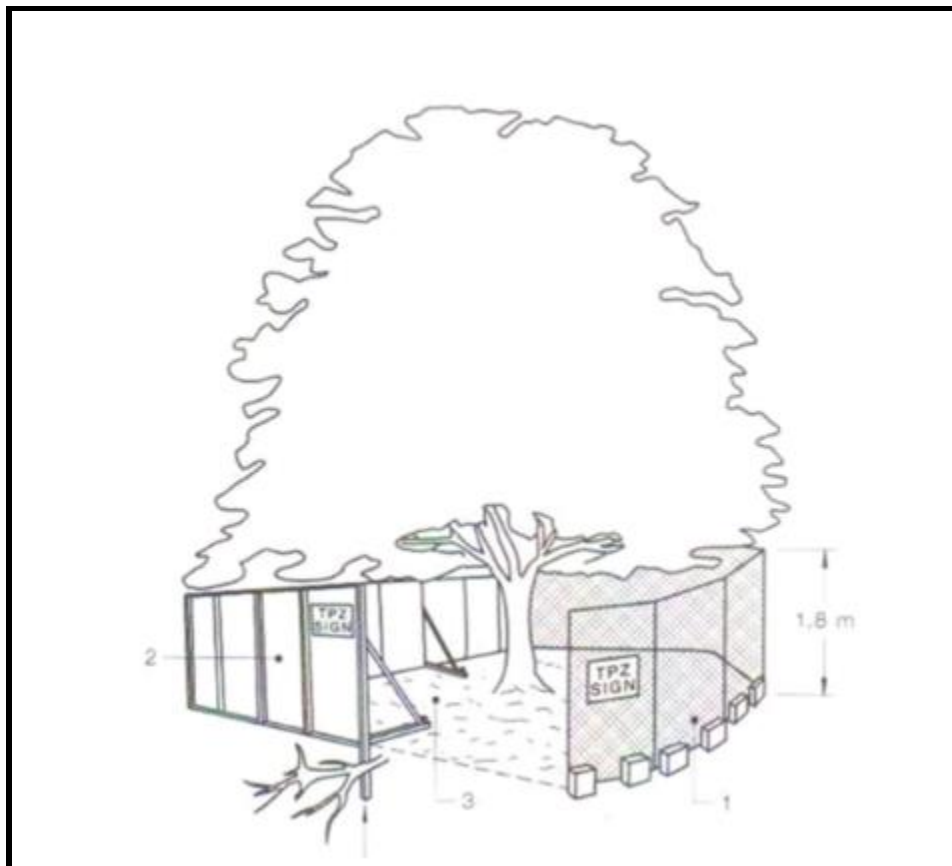


Plate 7 – The Coral Tree (*Erythrina x sykesii*), an introduced species that has distinctive masses of red flowers in Winter. Commonly grown in coastal locations, it is easily storm-damaged and prone to massive limb failure. These trees line the boundary with Nelson Bay Rd.

Appendix D –Tree Protection Fencing and Ground Protection

Example of tree protection fencing:

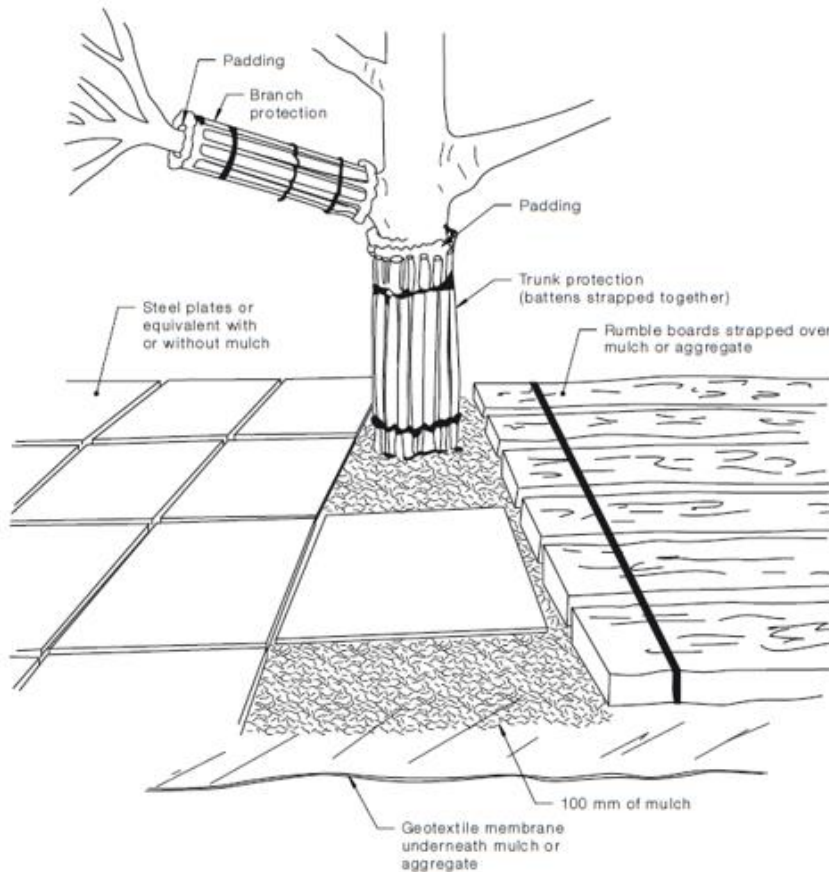
1. Fence off all trees noted for retention with 1.8m steel mesh fencing at the perimeter of the designated protection zone. Attach signs relating to the importance of tree protection and penalties for breaching tree protection orders to the fencing. If the area is large, install multiple signs.
2. Signs should state that this is a restricted area, no entry unless in the company of the arborist. Authorised access to the protected zone could be through a locked gate or via ladders
3. Mulching and semi-regular watering for established protection zones.



4.5.3 Ground protection

If temporary access for machinery is required within the TPZ ground protection measures will be required. The purpose of ground protection is to prevent root damage and soil compaction within the TPZ. Measures may include a permeable membrane such as geotextile fabric beneath a layer of mulch or crushed rock below rumble boards as per Figure 4.

These measures may be applied to root zones beyond the TPZ.



NOTES:

- 1 For trunk and branch protection use boards and padding that will prevent damage to bark. Boards are to be strapped to trees, not nailed or screwed.
- 2 Rumble boards should be of a suitable thickness to prevent soil compaction and root damage.



AEP

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NEWCASTLE SYDNEY

Arborist Impact Assessment

Proposed Newcastle Golf Course Seniors Living Access
4A Vardon Road, Fern Bay, NSW



Prepared for: Principle Living

December 2024

AEP Ref: 2313

Revision: 01

Newcastle | Sydney

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Document Control

Document Name	Arborist Impact Assessment for Proposed Newcastle Golf Course Seniors Living Access. Village 4A Vardon Road, Fern Bay, NSW
Project Number	2313
Client Name	Principle Living
AEP Project Team	Joe Young Warwick Muir Natalie Black

Revision

Revision	Date	Author	Reviewed	Approved
00	17/12/2024	Joe Young	Natalie Black	Warwick Muir
01	19/12/2024	Joe Young	Natalie Black	Warwick Muir

Distribution

Revision	Date	Name	Organisation
00	17/12/2024	Chris Old	Principle Living
01	19/12/2024	Chris Old	Principle Living

Disclaimer

Direct observations are relevant only to the trees identified within this report. This report utilizes a rapid assessment of tree health and condition to inform retention value. This assessment of tree health and condition is based on non-destructive visual observations from ground level. Thus, it is not possible to identify all structural faults at high levels in the tree, internal structural faults or within the root system. Observations about Tree Health, Structure, and other characteristics have been made at the time of assessment and these characteristics may change over time due to natural growth of the tree as a living organism or due to unforeseen events. As such the observations that are supplied within are relevant for a period of 12 months from the time of assessment, after which re-assessment may be required for the trees assessed within this report. The recommendations and methodologies for Tree Protection within this report are relevant only to the Trees assessed within this report. The author is not responsible for tree damage related to failure to apply these recommendations or methodologies for Tree Protection in full within this report or for tree damage relating to works conducted by an unaffiliated person. No responsibility for damage to persons or property is accepted for damage by trees referred to within this report.

Executive Summary

At the request of the Principle Living (the client), Anderson Environment & Planning (AEP) have prepared an Arborist Impact Assessment to address the potential arboricultural impacts from a proposed access to the proposed seniors living development (the Proposal) at 4A Vardon Road, Fern Bay, NSW 2295 (the Subject Site).

The arborist site survey was undertaken on 10 December 2024. Tree Assessment was undertaken using the following methodologies (**Section 4**);

- A visual tree assessment as described by Mattheck and Breloer (1994).
- Characteristic features for each tree were recorded;
- Structural Root Zone (SRZ) and Tree Protection Zone (TPZ) using methods of calculation as outlined in AS 4970 – 2009.
- Landscape Significance Rating (LSR) and Retention Values as outlined by Morton (2006).

A total of 35 trees identified within the site and surrounds were assessed. The condition of the assessed trees includes seven (7) in poor or dead condition, 15 in fair condition and 13 in good condition (**Section 5.1**).

The following landscape significance ratings (LSRs) have been applied to the assessed trees (**Section 5.2**);

- One (1) 'Very High': This tree is a native remnant species tree that has habitat value;
- Two (2) 'High', due to their canopy size and good health and as representatives of the original vegetation of the area; and
- 29 'Moderate', due to their canopy size and higher visibility as exotic or native cultivar status; and
- Three (3) 'Low', as exotic species with potential to become environmental weeds or dead trees.

With consideration of the estimated life expectancy for each tree, Retention Values were assigned to each tree within the site. This identified the following;

- Five (5) 'High',
- 28 'Moderate'; and
- Two (2) 'Low' Retention Value Trees.

All 35 assessed trees are proposed to be removed due to the development works (**Section 6.1, Table 3**), including;

- Eight (8) trees located within the development footprint;
- 14 trees which will have encroachment into the SRZ or major (>10%) by the development footprint;
- One (1) tree identified to be dead or dying which could pose a hazard to site users and contractors; and
- Twelve (12) trees which should be removed and replaced with endemic native species.

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1.0 Introduction

1.1 Background

At the request of Principle Living (the client), Anderson Environment & Planning (AEP) have prepared an Arborist Impact Assessment to address the potential arboricultural impacts from the proposed access road leading into the development and associated civil infrastructure (the Proposal) at 4A Vardon Road, Fern Bay, NSW 2295 (the Subject Site).

This report considers the previous Arboricultural Impact Assessment Report (AIA) undertaken for the Seniors Living Development (AEP, 2023)

1.2 Objectives

Further to the above the following objectives for this report have been assigned:

- Tree identification plan and schedule identifying tree species, size, canopy spread and other dimensions;
- Assessment of trees lining the access road and the proposed path of the access extension from 4A Vardon Road, Fern Bay, NSW 2295, within the Subject Site, including, but not limited to, the health and vigour of the trees, structural integrity, life expectancy, retention value and landscape significance;
- Likely impact the proposed development will have on assessed trees, including TPZ and SRZ encroachments; and
- Tree protection plan and methodologies throughout the development for all impacted trees to be retained.

2.0 Site Description and Locality

Table 1 Provides the site details for the Subject Site.

Table 1 – Site Particulars

Detail	Comments
Client	Principle Living
Address	4A Vardon Road, Fern Bay, NSW 2295
Title(s)	Lot 105 DP 614883 and Lot 4 DP 823114
Subject Site	The Subject Site encompasses the lead in access from Vardon Road to the existing carpark
LGA	Port Stephens Council
Zoning	Under the Port Stephens Local Environmental Plan 2013 (the LEP), the Subject Site is zoned RE2 – Private Recreation.
Current Land Use	The Subject Site exists as a functioning Golf Club. The site encompasses large areas of managed turf, a club house, car park and associated sheds. Two (2) dams and a number of engineered drains/creeks are present on site as are large areas of intact native vegetation and to a lesser degree, areas dominated by exotic species.

Detail	Comments
Surrounding Land Use	The Subject Site is bounded to the west by Nelson Bay Road, an area of residential development and beyond that the Hunter Wetlands National Park, a Ramsar listed wetland and the Hunter River Channel. Land to the south contains the residential suburb of Fern Bay, land to the east and north of the Subject Site is the existing operational golf course. Land beyond the golf course to the southeast and east comprises Worimi Regional Park with large areas of continuous native vegetation. To the north of the Subject Area is Bayway Village, an over 50s lifestyle development.
Soil	The Subject site is predominately within the Hawks Nest Soil Landscape characterised by loose speckled grey brown loamy sand (A1 horizon) and loose bleached sand (subsoil - A2 Horizon). A minor area in the north-west corner of the Subject Area (Approx. 3.27 ha) is within the Lower Pindimar Soil Landscape characterised by loose brownish black loamy sand (topsoil – A horizon) and bleached loose sand (subsoil – A2 horizon). (eSpade, 2023).

3.0 Proposed Development

It is proposed to construct a seniors living development, and this report exclusively considers the impacts of a proposed access road from the existing Vardon Road access to the proposed seniors living development.

Figure 1 depicts the extent of the Subject Site overlain on an aerial photograph of the locality.

Figure 2 shows a concept plan for the proposed development.



Legend

Subject site

Lot

Address: Newcastle Golf Club, Fern Bay, NSW
Client: Principle Living | AEP Ref: 2313 | Date: 10-12-2024

Imagery: eg NearMap, Date 10-12-2024
Spatial Reference: GDA2020 MGA Zone 56



Figure 1 Site Location



Disclaimer: While all reasonable care has been taken to ensure the information shown on this map is up to date and accurate, no guarantee is given that the information provided is free from error or omission. Please verify the accuracy of all information prior to use.

Note:
1. Boundaries are not survey accurate
2. Do not scale off this plan



AC	AIR CONDITIONING - REFER TO MECHANICAL DOCUMENTATION
ACP	ALUMINIUM COMPOSITE PANEL
AFL	ABOVE FLOOR LEVEL
AHD	AUSTRALIAN HEIGHT DATUM
AL	ALUMINIUM LOUVER
ALS	ALUMINIUM BATTEN
ALB	VERTICAL ALUMINIUM SCREEN
AS	AUSTRALIAN STANDARD
BAL	BALLUSTRADE
BF	BI-FOLD DOOR
BG	BOX GUTTER
BIN	GARBAGE BIN
BLK	CONCRETE BLOCKWORK
BRK	BRICKWORK
BOL	BOLLARD
CBG	COLOUR-BACKED GLASS
CEC	COMPRESSED FIBRE CEMENT

CLD CLADDING
CLS CLOTHESLINE
COL COLUMN - REFER TO STRUCTURAL DOCUMENTATION
CONC CONCRETE
COS CONFIRM ON SITE
CPC COLORBOND PARAPET CAPPING
CR CEMENT RENDER
CW COLD WATER
DP DOWNPIPE - REFER TO HYDRAULIC DOCUMENTATION
EDB ELECTRICAL DISTRIBUTION BOARD - REFER TO ELECTRICAL DOCUMENT
EG EAVES GUTTER - REFER TO HYDRAULIC DOCUMENTATION
EJ EXPANSION JOINT
EQ EQUAL SPACING
FAN CEILING FAN
FB FACE BRICK
FCL FIBRE CEMENT SHEETING
FFL FINISHED FLOOR LEVEL


FG	FIXED GLASS
FH	FIRE HYDRANT - REFER TO HYDRAULIC DOCUMENTATION
FHR	FIRE HOSE REEL - REFER TO HYDRAULIC DOCUMENTATION
PH	FIRE INDICATOR PANEL TO CONSULTANTS REQUIREMENTS
FR	FIRE RESISTANCE
FT	FLOOR TILES
FW	FLOOR WASTE
G	GLASS
GD	GRATED DRAIN
GL	GLASS LOUVRES
GRD	GARAGE DOOR
GP	GRATED PIT - REFER TO HYDRAULIC DOCUMENTATION
GW	GLASS WINDOW
HB	HAND BASIN
HD	HINGED DOOR
HR	HANDRAIL
HYD	HYDRAULIC

HYD	HYDRAULIC
LB	LINING BOARDS
LDL	DOWNLIGHT
LTB	LETTERBOX
LVR	LOUVRE
LWL	WALL LIGHT
MC	METAL CLADDING
MECH	MECHANICAL
Mi	MIRROR
MRS	METAL ROOF SHEETING
MW	MATWELL
MWS	METAL WALL SHEETING
OG	OPAQUE GLASS
OPW	OPERABLE WALL
PAV	EXTERNAL PAVING
PC	POLYCARBONATE SHEETING
PCT	POWDERCOAT

PD	PIVOT DOOR
PS	POST - TIMBER
PT	PAINT FINISH
PTD	PAPER TOWEL DISPENSER
RC	REINFORCED CONCRETE
RL	REDUCED LEVEL
RS	ROLLER SHUTTER
RWT	RAINWATER TANK
SC	STONE CLADDING
SD	SLIDING DOORT
SKL	SKYLIGHT
SMP	RAIN WATER SUMP
SP	SPANDREL PANEL
SS	STAINLESS STEEL
SSL	STRUCTURAL STEEL LEVEL
ST	STONE
SV	STACK VENT - REF TO HYDRAULIC DOCUMENTATION

SWR	SEWER PIPE - REFER TO HYDRAULIC DOCUMENTATION
TB	TIMBER BEAM
TBR	TIMBER
TC	TIMBER CLADDING
TGSI	TACTILE GROUND SURFACE INDICATORS
TL	TILE
TS	TIMBER SOFFIT
TSC	TIMBER SCREEN
TV	TIMBER VENEER
TYP	TYPICAL
UIS	UNDERSIDE
WB	WEATHERBOARDS
WC	WATER CLOSET
WIR	WALK IN ROBE
WS	WHEEL STOP
#	No. DENOTES TYPE AS SCHEDULED






Certificate No. 0009131130

Scan QR code or follow website link for rating details.

Assessor name Joseph Lorrیمان

Accreditation No. DMN/16/1742

Property Address 4 Vardon Road, Fern Bay
NSW, 2295



hstar.com.au/QR/Generate?p=ce&Id=Teo

REV	DATE	COMMENTS
D	30/10/2023	Preliminary DA Issue
E	24/11/2023	Development Application Issue
F	10/12/2023	Development Application Issue
G	16/05/2024	Planning Adjustments
H	19/06/2024	Re-issue to BASIX Consultant
I	1/07/2024	Re-issue to client
J	5/07/2024	Re-issue to client
K	19/07/2024	Development Application Re-issue
L	26/11/2024	Consultant Issue

[illegible]

PROJECT : APPERLY VILLAGE

CLIENT : PRINCIPLE LIVING
SUITE 3, 317 HUNTER ST,
NEWCASTLE, NSW, 2300

SITE : 4 VARDON ROAD,
FERN BAY, NSW 2259

DRAWING : **OVERALL PLAN - GROUND LEVEL**

WORK IN FIGURED DIMENSIONS IN PREFERENCE TO SCALE. CHECK DIMENSIONS AND LEVELS ON SITE PRIOR TO THE ORDERING OF MATERIALS OR THE COMPLETION OF WORKSHOP DRAWINGS. IF IN DOUBT ASK. REPORT ALL ERRORS AND OMISSIONS.

FILENAME: 11586 - Newcastle Golf AMENDED MASTERPLAN_2023

DRAWN :	DATE :	SCALE: @A3 :
JY/RE	26/10/2024	1:2000
PROJECT No :	PHASE :	DRAWING No :
11586	DA	A15

CHANGES TO THE
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4.0 Methodology

The arborist site survey was undertaken on 10 December 2024. Each tree observed within the Subject Site was assigned a unique tree number. Tree species were identified based on guidance from regional identification guides (Fairley and Moore 1989, Robinson 2003), and descriptions and records provided by the Royal Botanic Gardens (Plantnet 2022).

4.1 Visual Tree Assessment

A visual tree assessment to evaluate the health and condition of these trees in relation to the impacts of the proposed development was undertaken from ground level following the methodology described by Mattheck and Breloer (1994). Tree height was estimated following the guidance outlined in the Private Native Forestry Code of Practice (DECC 2007) and confirmed with a laser range finder. The Diameter at Breast Height (DBH) and Diameter Above Buttress (DAB) was determined using a DBH tape and methods of calculation for the Structural Root Zone (SRZ) and Tree Protection Zone (TPZ) applied as outlined in Australian Standard 4970-2009 *Protection of trees on development Sites* (AS 4970 – 2009) (Standards Australia 2009). Tree Total Canopy Area was estimated from the formula $\pi \times (\text{average canopy spread})^2$.

4.2 Tree Retention Value

To determine tree Retention Value a Landscape Significance Rating (LSR) was assigned to each tree. The LSR value provides consideration of the tree's amenity, environmental and heritage values (refer **Appendix B**). Trees are then assigned one of the following LSR categories:

- Significant (1);
- Very High (2);
- High (3);
- Moderate (4);
- Low (5);
- Very Low (6); and
- Insignificant (7).

Once the landscape significance value has been determined the following assessment matrix that utilises estimated life expectancy and landscape significance (**Table 2**) was applied to each tree.

Table 2 – Tree Retention Status Matrix Assessment matrix adopted from Morton (2006).

Landscape significance rating							
Estimated Life Expectancy	1	2	3	4	5	6	7
Greater than 40 Years	High						
15 to 40 Years				Moderate			
5 to 15 Years				Low			
Less than 5 Years					Very low		
Dead or Hazardous							

4.3 Limitations

This report utilises a rapid assessment of tree health and condition to inform retention value. Should a detailed assessment of tree structural health and condition be required a tree risk assessment report should be commissioned.

This assessment of tree health and condition is based on non-destructive visual observations from ground level. Thus, it is not possible to identify all structural faults at high levels in the tree, internal structural faults or within the root system. Should a detailed assessment for structural faults be required a tree risk assessment report should be commissioned.

Weather conditions such as extreme wind, storm activity, lightning as well as other events or disturbances independent of the proposed activities are unpredictable. Unforeseeable damage to trees may occur as a result of unpredictable or unplanned weather events or disturbances.

Tree identifications are based on identifying features (fruit, inflorescence, etc.) found during December and made at ground level from within the Subject Site.

The total canopy area for each tree utilised within this report is an estimation based on field observation of canopy spread and the true amount of canopy area may differ.

Tree identified within by this plan are located to GPS accuracy and there may be some minor discrepancy in the true location.

Impact assessment was based to limited concept design confined to identification of the approximate proposal footprint at the time of preparation of this report. Variation of this concept design will alter some of the recommendations and this report should be updated to reflect these changes.

5.0 Tree Assessment Results

A total of 35 trees identified within the site and neighbouring properties were assessed. Observations were made for each assessed tree (**Appendix A**). Tree locations are shown in **Figure 3**.

Two (2) trees previously assessed within the Seniors Living Development AIA (AEP, 2023) have been assessed within this report and identified respectively as Trees A22 (Tree 217) and Tree 218 (same).

5.1 Summary of Tree Condition and Characteristics

All 35 assessed trees are located within the Subject Site.

All trees assessed within the site are native species. The condition of the assessed trees includes seven (7) in poor or dead condition, 15 in fair condition and 13 in good condition.

Notable Trees within this grouping that are in poor or dead Structural and Health Condition including the following:

- Tree A3 – *Lophostemon confertus* (Brush Box) has codominant stems with severe bark inclusions, exposed surface roots, that have surface damage;
- Trees A11 and A19 were identified as deceased with no live canopy observed at the time of assessment;
- Tree A5 – *Lophostemon confertus* (Brush Box) has a poor structure determined by a twisted trunk form with severe bark inclusions that extend to the base of the trunk;
- Tree A14 – *Lophostemon confertus* (Brush Box) has exposed surface roots that have been sculpted over time due to turf grass maintenance and erosion of the top soil around the base of the tree. The tree also has codominant stems with an inclusion. There is dieback in the canopy;
- Tree A32 - *Cupaniopsis anacardioides* (Tuckeroo) has major asymmetry of the canopy due to previous failure of major stems. The tree is located in a basin that collects water from surrounding run-off surfaces and would absorb large amounts of water during wet events. This tree leans over the access road.

5.2 Summary of Landscape Significance and Retention Value

The following landscape significance ratings (LSRs) have been applied to the assessed trees;

- One (1) 'Very High' This tree is a native remnant species tree that has habitat value;
- Two (2) 'High', due to their canopy size and good health and as representatives of the original vegetation of the area; and
- 29 'Moderate' due to their canopy size and higher visibility as exotic or native cultivar status; and
- Three (3) 'Low' as exotic species with potential to become environmental weeds or dead trees.

With consideration of the estimated life expectancy for each tree, Retention Values were assigned to each tree within the site. This identified the following;

- Five (5) 'High',
- 28 'Moderate'; and
- Two (2) 'Low' Retention Value Trees.

Treen 218 is marked as a habitat tree, potential hollows and wildlife occur in this tree.



Legend

Lot

Retention Value

- High
- Moderate
- Very Low

Address: Newcastle Golf Club, Fern Bay, NSW
Client: Principle Living | AEP Ref: 2313| Date: 10-12-2024

Imagery: eg NearMap, Date 10-12-2024
Spatial Reference: GDA2020 MGA Zone 56

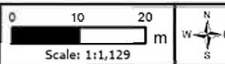


Figure 3 Tree Locations



Disclaimer: While all reasonable care has been taken to ensure the information shown on this map is up to date and accurate, no guarantee is given that the information portrayed is free from error or omission. Please verify the accuracy of all information prior to use.

Note:
1. Boundaries are not survey accurate
2. Do not scale off this plan

Source: Esri, Maxar, Earthstar Geographics and the GIS User Community, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, OpenStreetMap contributors, and the GIS User Community

6.0 Tree Impact Assessment

The Tree Protection Zone (TPZ) and Structural Root Zone (SRZ) are indicative areas critical for maintaining a tree's viability and stability respectively, holding the majority of the roots necessary for each function. Any ground works within these zones are likely to impact the viability or stability of the tree by injuring the root system.

6.1 Proposal Impacts

Upon review of the supplied proposal footprint, eight (8) trees will require removal as they are located within the development footprint. These include:

- One (1) High (Tree 218);
- Six (6) Moderate (Trees A1, A2, A15, A20, A21, A23); and
- One (1) Low Retention Value Trees (Tree A19).

These trees will require removal to facilitate the development. Impacts are unlikely to be mitigated through tree protection measures without major design changes, and tree stability and viability cannot be guaranteed. Furthermore, Tree A11 has been identified as a standing dead tree and should be removed for contractor and site user safety.

Upon review of the supplied proposal footprint, nine (9) trees will require removal as these trees will be impacted by predicted structural root zone encroachment. These include:

- Nine (9) Moderate Retention Value Trees (Trees A14, A16, A17, A18, A29, A30, A31, A33, A34).

Upon review of the supplied proposal footprint, five (5) trees will require removal as these trees will be impacted by predicted major tree protection zone encroachment. These include:

- Five (5) Moderate Retention Value Trees (Trees A3, A4, A5, A22, A24).

Impacts are unlikely to be mitigated through tree protection measures without major design changes, and tree stability and viability cannot be guaranteed. Tree 9 also has notable structural defects that would make retention in close proximity to the development hazardous to contractors and site users.

A further eleven (11) Trees (Trees A6, A7, A8, A9, A10, A12, A13, A25, A26, A27, A28 and A32) have predicted minor impacts by the proposed access. However, these trees are either non-endemic or exotic species affected by current ground compaction of the site, and they are as such unlikely to provide significant ecological or amenity value in the long term. This proposal poses an opportunity to remove and replace these trees through landscaping with endemic native species of similar characteristics to improve fauna foraging opportunities.

Tree A32 has predicted minor impacts by the proposed access. However, this tree is in poor structural condition with significant defects and is likely to fail in the medium term. Similar to the above, this proposal poses an opportunity to remove and replace this tree through landscaping with a similar endemic native species of similar characteristics to maintain fauna foraging opportunities.

The removal of Trees 218 and A22 is the only change in Tree Removal and Retention to trees assessed in the Seniors Living AIA (AEP, 2023).

Impacts upon the local environment by tree removal within this report have already been considered in BDAR for this proposal (AEP, 2024).

Tree protection measures as specified in Section 7.2 will be required for all unassessed trees within 10m of the access road footprint.

Table 3 provides a summary of impact assessment.

Table 3 – Summary of Impact Assessment

Tree Assessment	Retention Value (Tree No)			Total
	High	Moderate	Low	
Remove (TPZ/SRZ Encroachment)		Trees A3, A4, A5, A14, A16, A17, A18, A22, A24, A29, A30, A31, A33, A34		14
Remove (Development Footprint)	Tree 218	Trees A1, A2, A15, A20, A21, A23	Tree A19	8
Remove (Dead/Dying)			Tree A11	1
Remove (Replace)		Trees A6, A7, A8, A9, A10, A12, A13, A25, A26, A27, A28 and A32		12
Total Tree Removal	1	32	2	35

7.0 Recommendations

7.1 Tree Retention and Removal

- Trees designated for removal within this report as outlined in **Section 6** should be removed by a qualified tree worker with appropriate professional liability insurance, and removed in a manner to prevent damage to retained trees.
- It is recommended that two trees are planted for every tree removed in an effort to maintain the urban tree canopy.
- Unassessed Trees within 10m of access development footprint should be retained with Tree Protection Measures as specified below.

7.2 Tree Protection Measures

- All tree maintenance and pruning works should be carried out by a qualified tree worker in accordance with AS4373 –2007 Pruning of Amenity Trees.
- All Contractors working in close proximity to the TPZ of Trees to be retained should be briefed as to the requirements of the Tree Protection Zone.
- The TPZ fencing and zone should be certified by the project arborist before construction commences.
- Tree health and condition should be monitored by the project arborist at regular stages during construction, at practical completion of construction, and after completion.
- The following activities should be avoided within the TPZ of trees to be retained where practicable:
 - Machine excavation of soil including trenching;
 - Operation of heavy equipment;
 - Stockpiling of soils;
 - Storage of heavy or other equipment;
 - Parking of vehicles;
 - Wash down and cleaning of equipment;
 - Excavation for silt fencing;
 - Dumping of waste;
 - Change of soil level or gradient; and
 - Covering with concrete, impermeable, or compacted surfaces.
- Where works are required that encroach into TPZ of trees to be retained, additional protection measures, which include trunk and low branch guards, and ground protection measures should be implemented following guidance in Australian standard *AS 4970 – 2009 Protection of trees on development Sites (Appendix D)*. These works should only be conducted under supervision of the project arborist. The use of “soft” construction methods including manual and vacuum removal of soils is recommended for works conducted within the TPZ of Trees to be retained.

7.3 Other Recommendations

- Clothing, equipment and boots should be clean and sanitised prior to each site visit to prevent onsite introduction of plant pests and diseases such as Myrtle rust.
- Vehicles and construction equipment should utilise designated entry and egress points to avoid potential of impacts on Trees to be retained.

8.0 Conclusion

The recommendations for tree retention and removal have been made with consideration of minimising Arboricultural impacts.

Based on the tree retention and removal proposed above the current proposal footprint for the access will require the direct removal of all 35 assessed trees. Unassessed trees can be retained within the site, with general Tree Protection Measures required for the duration of works.

Based on the proposed tree retention and removal above, the removal of two (2) trees previously recommended to be retained within the arborist report for the site and dated December 2023 will be required, and this recommendation for removal supersedes the previous recommendation. All other assessments and recommendations made within previous arborist reporting should still be applied to the senior's living development.

Please note that assessment of tree removal and retention has been made with regards to a concept plan. These recommendations may be subject to change once further design and engineering detail has been prepared and this report will require updating in accordance with these changes.

The implementation of a detailed Tree Protection Plan and Tree Protection measures will be an essential part of the Construction Environment Management Plan to avoid further loss of trees in close proximity to the construction footprint.

We trust this meets your requirements. Should you require further details or clarification, please do not hesitate to contact the undersigned or Natalie Black, Senior Environmental Manager (0431 249 360).

Yours faithfully,



Warwick Muir

Ecologist / Arborist

BSc AQF5

0448 689 698

9.0 References

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Appendix A – Tree Schedule

Appendix A – Assessed Tree Schedule

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average	Estimated Total Canopy Area	Height (m)	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W	(m)	(m ²)										
A1	<i>Elaeocarpus obovatus</i>	Blueberry ash	0.89	1.49	5	5	5	5	5	79	14	Mature	Good	Fair	Moderate	15-40	Moderate	10.7	3.9	Remove (Footprint)
A2	<i>Lophostemon confertus</i>	Brush Box	0.41	0.48	3	4	3	4	3.5	38	12	Mature	Good	Good	Moderate	40+	Moderate	4.9	2.4	Remove (Footprint)
A3	<i>Lophostemon confertus</i>	Brush Box	0.35	0.51	2	3	2	3	2.5	20	12	Mature	Good	Poor	Moderate	40+	Moderate	4.2	2.5	Remove (Major TPZ Encroachment)
A4	<i>Lophostemon confertus</i>	Brush Box	0.35	0.52	3	3	1	3.5	2.63	22	10	Mature	Good	Fair	Moderate	40+	Moderate	4.2	2.5	Remove (Major TPZ Encroachment)
A5	<i>Lophostemon confertus</i>	Brush Box	0.52	0.57	4	3.5	3	4	3.63	41	12	Mature	Good	Poor	Moderate	40+	Moderate	6.2	2.6	Remove (Major TPZ Encroachment)
A6	<i>Lophostemon confertus</i>	Brush Box	0.37	0.68	4	3	2	2	2.75	24	11	Mature	Fair	Fair	Moderate	15-40	Moderate	4.4	2.8	Remove (Replace)
A7	<i>Avocado sp.</i>	<i>Avocado sp.</i>	0.32	0.43	4	3	4	4	3.75	44	7	Mature	Good	Good	Low	40+	Moderate	3.8	2.3	Remove (Replace)
A8	<i>Lophostemon confertus</i>	Brush Box	0.33	0.37	2.5	3	3	3	2.88	26	11	Mature	Good	Fair	Moderate	40+	Moderate	4.0	2.2	Remove (Replace)
A9	<i>Lophostemon confertus</i>	Brush Box	0.58	0.76	4	4	2.5	3.5	3.5	38	13	Mature	Good	Fair	Moderate	40+	Moderate	7.0	3.0	Remove (Replace)
A10	<i>Lophostemon confertus</i>	Brush Box	0.21	0.28	3	2	1	1.5	1.88	11	6	Mature	Fair	Fair	Moderate	15-40	Moderate	2.5	1.9	Remove (Replace)
A11	<i>Dead</i>	Stag	0.22	0.30	2	2	2	2	2	13	6	Over-Mature	Dead	Dead	Very Low	Dead	Very low	2.6	2.0	Remove (Dead Tree)
A12	<i>Lophostemon confertus</i>	Brush Box	0.20	0.26	2	2	2	2	2	13	5	Mature	Fair	Good	Moderate	40+	Moderate	2.4	1.9	Remove (Replace)
A13	<i>Lophostemon confertus</i>	Brush Box	0.23	0.27	2.5	3	2.5	3	2.75	24	6	Mature	Good	Good	Moderate	40+	Moderate	2.8	1.9	Remove (Replace)
A14	<i>Lophostemon confertus</i>	Brush Box	0.36	0.46	3	3	2	2	2.5	20	10	Mature	Fair	Poor	Moderate	40+	Moderate	4.3	2.4	Remove (SRZ Encroachment)
A15	<i>Lophostemon confertus</i>	Brush Box	0.40	0.51	4	4	2.5	3	3.38	36	9	Mature	Good	Fair	Moderate	40+	Moderate	4.8	2.5	Remove (Footprint)

Tree ID	Scientific Name	Common Name	DBH (m)	DAB (m)	Canopy Spread (m)				Canopy Spread Average (m)	Estimated Total Canopy Area (m²)	Height (m)	Age Class	Health	Structure	Landscape significance rating	Estimated life expectancy	Retention Value	TPZ (m)	SRZ (m)	Remove / Retain
					N	E	S	W												
A16	<i>Lophostemon confertus</i>	Brush Box	0.38	0.54	3	3	2	3	2.75	24	8	Mature	Good	Good	Moderate	40+	Moderate	4.6	2.6	Remove (SRZ Encroachment)
A17	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.52	1	5	5	4	3.75	44	14	Over-Mature	Fair	Fair	High	15-40	Moderate	4.8	2.5	Remove (SRZ Encroachment)
A18	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.61	0.82	6	6	6	2	5	79	15	Over-Mature	Good	Fair	High	15-40	Moderate	7.3	3.0	Remove (SRZ Encroachment)
A19	Dead	Stag	0.40	0.50	2	2	2	2	2	13	12	Over-Mature	Dead	Dead	Very Low	Dead	Very low	4.8	2.5	Remove (Footprint)
A20	<i>Elaeocarpus obovatus</i>	Blueberry ash	0.62	1.05	5	2.5	5	3.5	4	50	15	Mature	Good	Good	Moderate	15-40	Moderate	7.4	3.4	Remove (Footprint)
A21	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.40	0.50	3	3	3	3	3	28	5	Mature	Good	Fair	Moderate	15-40	Moderate	4.8	2.5	Remove (Footprint)
A22	<i>Cupressus macrocarpa</i>	Monterey Cypress	1.15	1.58	4.5	4.5	1	4.5	3.63	41	14	Over-Mature	Fair	Poor	Moderate	15-40	Moderate	13.8	4.0	Remove (Major TPZ Encroachment)
A23	<i>Lophostemon confertus</i>	Brush Box	0.31	0.37	3	3	2	3.5	2.88	26	6	Mature	Good	Good	Moderate	40+	Moderate	3.7	2.2	Remove (Footprint)
A24	<i>Lophostemon confertus</i>	Brush Box	0.35	0.43	3	3.5	2	3	2.88	26	6.5	Mature	Good	Fair	Moderate	40+	Moderate	4.2	2.3	Remove (Major TPZ Encroachment)
A25	<i>Lophostemon confertus</i>	Brush Box	0.30	0.41	3	3.5	2.5	3	3	28	8	Mature	Good	Good	Moderate	40+	Moderate	3.6	2.3	Remove (Replace)
A26	<i>Lophostemon confertus</i>	Brush Box	0.38	0.44	3.5	3.5	3	3.5	3.38	36	8	Mature	Good	Fair	Moderate	40+	Moderate	4.6	2.3	Remove (Replace)
A27	<i>Lophostemon confertus</i>	Brush Box	0.32	0.37	2.5	3	2.5	3	2.75	24	8	Mature	Good	Good	Moderate	40+	Moderate	3.8	2.2	Remove (Replace)
A28	<i>Lophostemon confertus</i>	Brush Box	0.33	0.45	3	3	2	3	2.75	24	8	Mature	Good	Good	Moderate	40+	Moderate	4.0	2.4	Remove (Replace)
A29	<i>Lophostemon confertus</i>	Brush Box	0.34	0.42	2.5	3	2.5	2.5	2.63	22	8	Mature	Good	Fair	Moderate	40+	Moderate	4.1	2.3	Remove (SRZ Encroachment)
A30	<i>Lophostemon confertus</i>	Brush Box	0.20	0.27	3	2	2	2	2.25	16	6	Mature	Good	Good	Moderate	40+	Moderate	2.4	1.9	Remove (SRZ Encroachment)
A31	<i>Lophostemon confertus</i>	Brush Box	0.29	0.37	3	3	2.5	2.5	2.75	24	6	Mature	Good	Good	Moderate	40+	Moderate	3.5	2.2	Remove (SRZ Encroachment)
A32	<i>Cupaniopsis anacardioides</i>	Tuckeroo	0.66	0.80	6	1	5	6	4.5	64	11	Over-Mature	Fair	Poor	Moderate	15-40	Moderate	7.9	3.0	Remove (Replace)
A33	<i>Lophostemon confertus</i>	Brush Box	0.21	0.28	2	2	2	2	2	13	9	Mature	Good	Good	Moderate	40+	Moderate	2.5	1.9	Remove (SRZ Encroachment)
A34	<i>Lophostemon confertus</i>	Brush Box	0.39	0.47	3	3	3	3	3	28	14	Mature	Good	Good	Moderate	40+	Moderate	4.7	2.4	Remove (SRZ Encroachment)
218	<i>Eucalyptus pilularis</i>	Blackbutt	1.18	1.20	9	9	6	9	8.25	214	13	Mature	Fair	Fair	Very High	40+	High	14.2	3.6	Remove (Footprint)

Appendix B – Glossary

GLOSSARY AND DEFINITIONS

Age Classes:

- Juvenile refers to an immature tree;
- Semi-mature refers to a tree between immaturity and full size;
- Mature refers to a full-sized tree with some capacity for further growth; and
- Over-mature refers to a tree already in decline.

Diameter at breast height (DBH): Tree stem diameter at 1.4 metres above ground level.

Diameter at buttress (DAB): Tree stem diameter as measured above the root buttress at ground level.

Tree Protection Zone (TPZ):

An indicative measure of the area necessary to protect for tree viability, encompassing the area necessary to protect both the crown and woody roots as calculated by the formula $TPZ = DBH \times 12$

Structural Root Zone (SRZ):

An indicative measure of the spread of the primary woody and structural roots necessary for tree stability, as calculated by the formula $SRZ = (DAB \times 50)^{0.42} \times 0.64$

Visual Tree Assessment (VTA):

Visual inspection of tree only.

Co-dominant leaders

A tree where two or more stems are of similar diameter.

Included Bark Junctions

A junction where the angle of the union creates an area of ingrown bark. This can create a structural weakness, and is often found on co-dominant stems.

Crown

The portion of the tree consisting of branches and leaves and any part of the trunk from which branches arise.

Stem

The position of the tree consisting of branches and leaves and any part of the trunk from which branches arise. An organ which supports branches, leaves, flowers and fruits.

Epicormic Growth

Refers to shoots produced by dormant buds within the bark or stem of a tree as a result of stress, incorrect pruning or increased light.

Health Condition

Exceptional

- Visually complete crown with dense foliage throughout that indicates strong health and vigour.
- Leaf size and colour that is true to type for the species and free from pest (insect) and disease (pathogen) damage.
- Expected levels of primary growth or seasonal extension and internodal growth evident for the species.
- No evidence of colonising saprophytes and no deadwood evident.

Good

- Visually complete crown, varying in foliage density throughout.
- Leaf size and colour that is true to type for the species with none or minor levels of pest (insect) and/or disease (pathogen) damage evident.
- Expected levels of primary growth or seasonal extension and internodal growth evident for the species.
- No evidence of colonising saprophytes and low levels of deadwood present and approximately 10mm or less in size.

Fair

- Sparse crown, varying in foliage density throughout.
- Reduced leaf size and atypical in colour for the species.
- Low to medium levels of pest (insect) and/or disease (pathogen) damage.
- Reduced, seasonal extension and internodal growth.
- Deadwood easily visible and less than approximately 30mm in size.
- Epicormic growth may be evident.

Poor

- Obvious signs of crown decline, exhibiting significant reduction in live crown volume and foliage density with reduced leaf size and atypical in colour for the species.
- Evidence of defoliation and/or dieback of branch tips.
- Medium to high levels of pest (insect) and disease (pathogen) damage.
- Presence of exudates (kino and resins) from wounds (open and/or weeping).
- Significant reduction in seasonal extension and internodal growth, with significant levels of epicormic growth evident.
- Deadwood easily visible, approximately 30mm to 100mm in size.

Dead

- No evidence of live foliage observed throughout the crown.
- Obvious signs of cracking and shrinking wood.
- Visible evidence of delaminating bark to stems and branches.

Structure Condition**Very Good**

- Strong branch unions at attachment points with no acute angles (compression and tension forks) and good branch taper at unions.
- No visibly, defective tree parts or structural defects.
- No wounds to stems and branches, no crossing and rubbing of branches and no wounds to exposed roots.
- No fungal fruiting bodies present to stems, branches and roots indicating, a presence of fungal pathogens.

Good to Fair

- Developing inclusions at unions of leading, codominant stems and branches.
- Evidence of defective tree parts (low levels) including branch and stem inclusions and crossing and rubbing of branches.
- Evidence of mechanical damage to periderm of stems, branches and roots, exposing vascular tissues.
- Exposed wounds for surface, colonising pathogens and entry points for developing decay.
- Presence of fungal fruiting bodies.
- Some evidence of cavities or hollows. (Fair only)
- No evidence of soil upheaval surrounding base of tree.

Poor

- Obvious signs and evidence of included bark to basal unions of codominant, leading stems and branches.
- Advanced, structural defects evident with failure of tree parts determined within 5 years from time of inspection and assessment.
- Evidence of decay from open wounds with presence of exudates (kino and resins) and exposed and degraded woody tissues.
- Presence of fungal fruiting bodies.
- Presence of cavities and hollows.
- Evidence of mechanical damage with advanced degradation of exposed roots.

a) Hazardous Tree**b) Immediate Removal**

- Advanced, structural defects evident. Open cracks to codominant stem and branch unions evident.
- Previous branch and stem failures evident. Failure of remaining tree parts determined within 3 months 6 months, from time of inspection and assessment. Arboricultural works to be scheduled immediately to mitigate associated hazard and risk.
- Severed roots and soil upheaval evident indicating failure of root zone.
- Tree failure imminent within 12 months from time of inspection and assessment

Landscape Significance

Assesses a tree within the landscape and rates according to criteria taken from Morton (2006):

1. Significant

- The subject tree is listed as a Heritage Item under the Local Environment Plan (LEP) with a local, state or national level of significance; or
- The subject tree forms part of the curtilage of a Heritage Item (building / structure /artifact as defined under the LEP) and has a known or documented association with that item; or

- The subject tree is a Commemorative Planting having been planted by an important historical person (s) or to commemorate an important historical event; or
- The subject tree is scheduled as a Threatened Species or is a key indicator species of an Endangered Ecological Community as defined under the or Biodiversity Conservation Act 2016 (NSW) or The Environmental Protection and Biodiversity Conservation Act 1999 (Federal); or
- The tree is a locally indigenous species, representative of the original vegetation of the area and is known as an important food, shelter or nesting tree for endangered or threatened fauna species; or
- The subject tree is a Remnant Tree, being a tree in existence prior to development of the area; or
- The subject tree has a very large live crown size exceeding 300m² with normal to dense foliage cover, is located in a visually prominent in the landscape, exhibits very good form and habit typical of the species and makes a significant contribution to the amenity and visual character of the area by creating a sense of place or creating a sense of identity; or
- The tree is visually prominent in view from surrounding areas, being a landmark or visible from a considerable distance.

2. Very high

- The tree has a strong historical association with a heritage item (building/structure/artifact/garden etc) within or adjacent the property and/or
- Exemplifies a particular era or style of landscape design associated with the original development of the site; or
- The subject tree is listed on Council's Significant Tree Register; or
- The tree is a locally-indigenous species and representative of the original vegetation of the area and the tree is located within a defined Vegetation Link/ Wildlife Corridor or has known wildlife habitat value;
- The subject tree has a very large live crown size exceeding 200m²; a crown density exceeding 70% Crown Cover (normal-dense), is a very good representative of the species in terms of its form and branching habit or is aesthetically distinctive and makes a positive contribution to the visual character and the amenity of the area.

3. High

- The tree has a suspected historical association with a heritage item or landscape supported by anecdotal or visual evidence; or
- The tree is a locally-indigenous species and representative of the original vegetation of the area; or
- The subject tree has a large live crown size exceeding 100m²; and
- The tree is a good representative of the species in terms of its form and branching habit with minor deviations from normal (eg crown distortion/suppression) with a crown density of at least 70% Crown Cover (normal); and
- The subject tree is visible from the street and surrounding properties and makes a positive contribution to the visual character and the amenity of the area.

4. Moderate

- The subject tree has a medium live crown size exceeding 40m²; and
- The tree is a fair representative of the species, exhibiting moderate deviations from typical form (distortion/suppression etc) with a crown density of more than 50% Crown Cover (thinning to normal); and
- The tree makes a fair contribution to the visual character and amenity of the area; and
- The tree is visible from surrounding properties, but is not visually prominent – view may be partially obscured by other vegetation or built forms.
- The tree has no known or suspected historical association

5. Low

- The subject tree has a small live crown size of less than 40m² and can be replaced within the short term with new tree planting; or
- The tree is a poor representative of the species, showing significant deviations from the typical form and branching habit with a crown density of less than 50% Crown Cover (sparse); and
- The subject tree is not visible from surrounding properties (visibility obscured) and makes a negligible contribution or has a negative impact on the amenity and visual character of the area.

6. Very low

- The subject tree is listed as an Environment Weed Species in the relevant Local Government Area, being invasive, or a nuisance species.
- The subject tree is scheduled as exempt (not protected) under the provisions of the local Council's Tree Preservation Order due to its species, nuisance or position relative to buildings or other structures.

7. Insignificant

- The tree is a declared Noxious Weed under the Biosecurity Act (NSW) 2015 or identified as a priority weed within the local region.

Appendix C – Site Photographs



Plate 1 Above: Tree A3 – *Lophostemon confertus* codominant stems severe bark inclusions.

Plate 2 Below: Tree A5 – *Lophostemon confertus* twisted trunk form with inclusions.





Plate 3 Above: Tree A11 – Dead tree, trees in this area were small for their age.

Plate 4 Below: Tree A14 – *Lophostemon confertus* tree has exposed and damaged roots, a dead section in the canopy and codominant stems.





Plate 5 Above: Tree A32 – *Cupaniopsis anacardioides* tree has major asymmetry due to previous failure

Plate 6 Below: Existing access road.



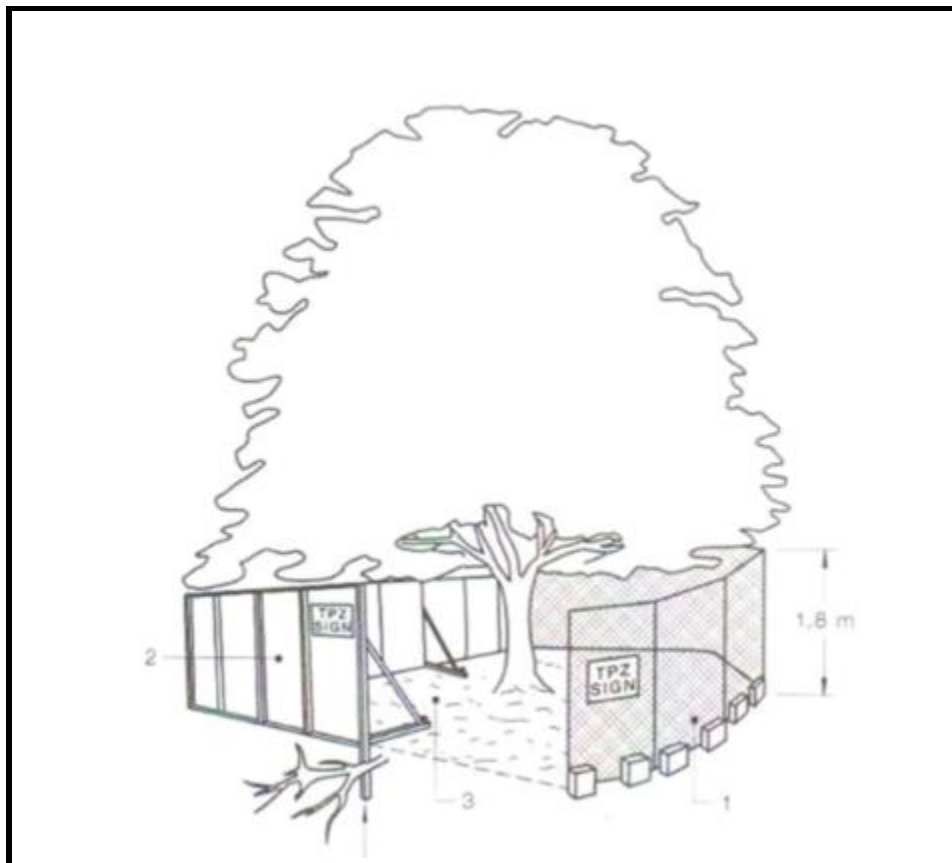
Appendix D –Tree Protection Fencing and Ground Protection

Example of tree protection fencing:

Fence off all trees noted for retention with 1.8m steel mesh fencing at the perimeter of the designated protection zone. Attach signs relating to the importance of tree protection and penalties for breaching tree protection orders to the fencing. If the area is large, install multiple signs.

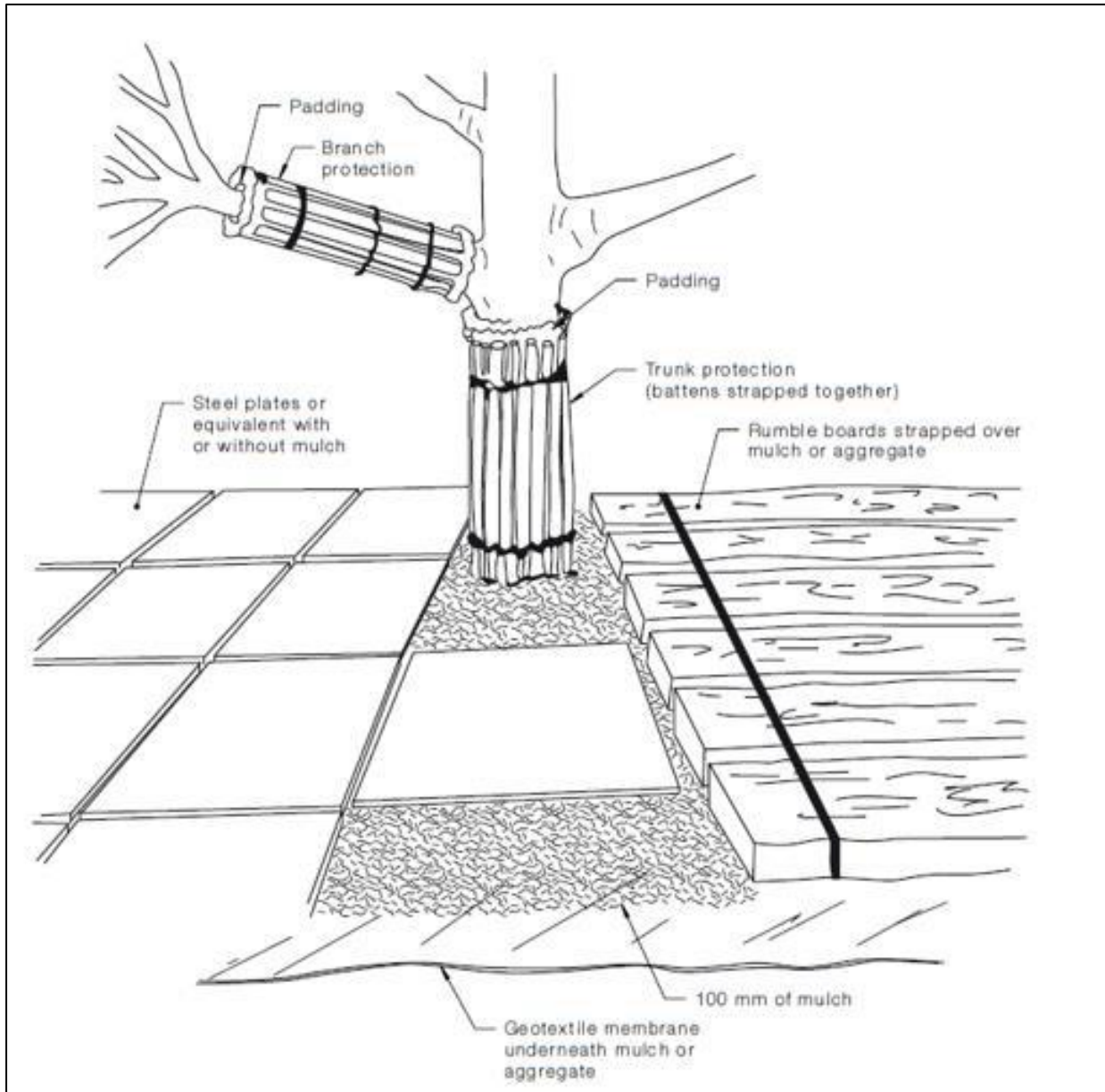
Signs should state that this is a restricted area, no entry unless in the company of the arborist. Authorised access to the protected zone could be through a locked gate or via ladders.

Mulching and semi-regular watering for established protection zones.



Ground Protection

If temporary access for machinery is required within the TPZ ground protection measures will be required. The purpose is to prevent root damage and soil compaction within the TPZ. Measures may include a permeable membrane such as geotextile beneath a layer a mulch or crushed rock below rumble boards as per the below diagram.



Notes:

For trunk and branch protection use boards and padding that will prevent damage to bark. Boards are to be strapped to the trees, not nailed or screwed.

Rumble boards should be of suitable thickness to prevent compaction and root damage.