



7 April 2021

Health Infrastructure
1 Reserve Road
St Leonards NSW 2065

Arboricultural Impact Assessment Report regarding nine hundred and eighty-six (986) trees located within the vicinity of the proposed John Hunter Health and Innovation Precinct at Lookout Road, New Lambton Heights

We are pleased to provide the following Arboricultural Impact Assessment Report regarding nine hundred and eighty-six (986) trees within the grounds of John Hunter Health and Innovation Precinct.

Complete use of this report is authorised under the conditions limiting its use as stated in Appendix A Item 7 of "*Arboricultural Reporting Assumptions and Limiting Conditions*".

Should you have any queries relating to this report, its recommendations, or the options considered please do not hesitate to contact us on 1300 272 671.

Regards,



Andy Clark

Consulting Arborist

Dip. Hort. (Arb.), AQF Level 5

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1 Executive Summary

- 1.1.1 The following Arboricultural Impact Assessment (Report) includes the assessment of nine hundred and eighty-six (986) trees located within the grounds of John Hunter Health and Innovation Precinct, specifically within the proposed area designated as the location for the Acute Services Building (ASB).
- 1.1.2 The area was identified by the client (Health Infrastructure) and additionally, the Biodiversity Development Assessment Report (BDAR) (Unwelt Environmental, 2021), as possessing trees that may be impacted by the proposed development and associated bushfire protection requirements.
- 1.1.3 In part, the project scope was to nominate subject trees, guided by the Newcastle City Council Tree Management Documentation, that can be retained or require removal to facilitate the proposed development, as well as identify and reduce potential conflicts between the retained subject trees and site development. Accurate information on the area required for tree retention and methods/techniques suitable for tree protection during development have been provided.
- 1.1.4 Existing trees on the site are proposed to be retained where possible, however to accommodate the proposal and to ensure a suitable bushfire asset protection zone (APZ) for the new facilities, the removal of 765 trees is required. Of these trees, 29 are of High retention value, 201 are of Moderate retention value, 420 are of Low retention value and 115 have no retention value. Many of the trees impacted by the direct footprint are smaller, younger trees, which hold a low retention rating.
- 1.1.5 The proposal has a significant landscaping strategy that will include the creation of additional new landscaped areas with up to 252 trees proposed to be planted. Overall, the JHHIP project will achieve a tree canopy of 69.89ha or 58% of the Project site, ensuring the design has appropriately offset the required tree removal. This is in addition to the biodiversity offset strategy.
- 1.1.6 Arborist inspections of the subject trees were undertaken from 3 August to 17 September 2020, when tree data was collected.
- 1.1.7 The Tree Protection Zone (TPZ) and Structural Root Zone (SRZ) method has been derived from Australian Standard AS 4970–2009: *Protection of Trees on Development Sites*.
- 1.1.8 Tree retention values have been determined based upon the assessment of the trees' health, structure, physical dimensions, age class, life expectancy, location and environmental amenity/significance in accordance with a modified version of the British Standard BS 5837–2012: *Trees in Relation to Design, Demolition and Construction* and which have been prescribed into one of the following four Categories, A, B, C and U.
- 1.1.9 Generally, relevant consent authorities will consider:
 - **A** retention value trees as a site constraint and may require alterations to the proposed development design and/or specific protection measures to allow retention, unless the proposed development outweighs the retention value of the tree
 - **B** retention value trees as a site constraint consideration, lesser changes should be considered to retain such trees
 - **C** retention value trees are not considered a site constraint
 - **U** retention value trees are considered a site opportunity, as such trees are recommended for removal regardless of the proposed development.

1.1.10 Trees impacted by the proposed SSDA development:

Category	Recommendation	Total		Tree Numbers (refer to Figure 9–12 for tree locations)
A – High Retention Value Trees	Removal - located within development footprint	43	29	15, 17, 56, 320, 417, 538, 547, 548, 549, 550, 558, 559, 564, 580, 581, 583, 616, 674, 814, 843, 859, 862, 873, 875, 879, 889, 898, 899, 978
	Retain with generic protection		14	606, 626, 632, 633, 642, 725, 741, 742, 793, 950, 959, 962, 963
B – Moderate Retention Value Trees	Removal - located within development footprint	305	201	5, 7, 8, 9, 11, 12, 13, 18, 19, 22, 24, 25, 28, 29, 30, 32, 33, 34, 35, 37, 39, 40, 41, 42, 43, 45, 46, 53, 71, 86, 88, 105, 108, 113, 127, 132, 136, 144, 146, 147, 150, 160, 161, 165, 166, 171, 187, 190, 197, 212, 225, 278, 301, 317, 346, 347, 383, 387, 396, 409, 415, 422, 423, 424, 426, 431, 436, 439, 441, 442, 444, 452, 456, 467, 476, 480, 483, 490, 496, 525, 528, 530, 531, 532, 533, 535, 536, 537, 539, 540, 541, 543, 544, 545, 546, 551, 553, 554, 555, 557, 560, 561, 562, 563, 565, 567, 568, 569, 571, 572, 573, 574, 576, 577, 578, 579, 582, 586, 588, 590, 592, 593, 613, 614, 615, 645, 648, 650, 651, 663, 664, 665, 676, 679, 680, 749, 750, 751, 766, 798, 801, 804, 810, 813, 818, 819, 821, 822, 824, 827, 828, 830, 836, 841, 842, 844, 845, 846, 853, 855, 857, 864, 865, 866, 867, 868, 870, 872, 874, 876, 880, 881, 884, 885, 886, 888, 891, 893, 894, 895, 897, 900, 904, 905, 906, 907, 908, 909, 912, 914, 921, 923, 972, 973, 974, 979, 980, 981, 982, 983, 984
	Retain with generic protection		104	1, 57, 61, 62, 64, 65, 584, 596, 599, 602, 603, 604, 605, 607, 619, 623, 624, 625, 628, 629, 630, 631, 634, 636, 638, 641, 644, 654, 655, 657, 684, 685, 687, 689, 691, 693, 694, 696, 700, 701, 702, 704, 705, 706, 707, 709, 722, 726, 727, 728, 731, 733, 734, 735, 736, 739, 740, 743, 744, 745, 748, 753, 755, 758, 759, 760, 761, 764, 767, 772, 773, 774, 775, 777, 779, 781, 782, 783, 784, 786, 787, 788, 790, 791, 794, 797, 805, 807, 852, 939, 942, 944, 946, 947, 949, 951, 952, 954, 956, 958, 960, 961, 964, 970
C – Low Retention Value Trees	Removal - located within development footprint	523	420	6, 10, 16, 20, 21, 23, 26, 27, 31, 36, 38, 44, 47, 48, 54, 55, 66, 67, 69, 70, 72, 73, 74, 75, 76, 77, 81, 82, 84, 85, 87, 89, 90, 91, 92, 93, 94, 95, 96, 98, 99, 100, 101, 102, 103, 104, 106, 107, 109, 110, 111, 112, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 128, 129, 130, 131, 133, 134, 137, 138, 140, 141, 142, 143, 148, 149, 152, 153, 154, 155, 156, 159, 162, 163, 164, 167, 169, 170, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 188, 189, 191, 192, 193, 198, 199, 200, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 213, 214, 215, 216, 217, 218, 219, 220, 221, 223, 224, 226, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 248, 249, 250, 251, 252, 253, 255, 256, 257, 258, 259, 260, 262, 263, 265, 267, 268, 269, 270, 272, 274, 275, 276, 277, 279, 280, 281, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 297, 299, 300, 302, 304, 307, 308, 311, 315, 318, 321, 322, 323, 324, 325, 326, 327, 329, 330, 332, 334, 335, 336, 337, 338, 339, 340, 341, 342, 345, 348, 349, 351, 352, 353, 354, 357, 360, 361, 362, 363, 364, 366, 367, 368, 371, 378, 379, 386, 388, 390, 391, 392, 397, 400, 402, 403, 404, 405, 408, 410, 411, 413, 419, 425, 427, 430, 433, 434, 437, 438, 440, 443, 446, 447, 448, 449, 450, 451, 453, 454, 455, 457, 459, 460, 462, 463, 464, 468, 469, 471, 472, 475, 477, 482, 484, 486, 487, 488, 489, 491, 492, 493, 494, 498, 500, 502, 503, 504, 505, 507, 509, 510, 511, 513, 514, 515, 516, 517, 518, 520, 521, 522, 523, 524, 526, 527, 529, 534, 542, 570, 589, 591, 595, 610, 611, 612, 617, 646, 647, 653, 660, 661, 662, 666, 667, 668, 669, 670, 671, 672, 673, 675, 677, 678, 681, 682, 710, 711, 712, 713, 714, 715, 752, 795, 799, 800, 802, 811, 812, 815, 816, 817, 820, 823, 825, 826, 829, 831, 832, 833, 834, 835, 837, 838, 839, 840, 847, 848, 849, 850, 854, 856, 858, 860, 861, 863, 869, 871, 877, 878, 882, 883, 887, 890, 892, 896, 901, 902, 903, 910, 911, 913, 915, 916, 917, 918, 919, 920, 922, 971, 975, 976, 977, 985, 986

Category	Recommendation	Total		Tree Numbers (refer to Figure 9–12 for tree locations)
	Retain with generic protection		103	2, 3, 50, 51, 52, 58, 60, 63, 552, 598, 600, 608, 609, 618, 620, 621, 622, 627, 635, 637, 639, 640, 643, 649, 652, 656, 658, 659, 683, 686, 688, 690, 692, 695, 697, 698, 699, 703, 708, 716, 717, 718, 719, 720, 721, 723, 724, 729, 730, 732, 737, 738, 746, 747, 754, 756, 757, 762, 763, 765, 768, 769, 770, 771, 776, 778, 780, 785, 789, 792, 796, 803, 806, 808, 809, 851, 924, 925, 926, 927, 928, 929, 931, 932, 933, 934, 935, 936, 937, 938, 940, 941, 943, 945, 948, 953, 955, 957, 965, 966, 967, 968, 969
U – No Retention Value Trees	Removal irrespective of development		115	4 14 49 68 78 79 80 83 97 135 139 145 151 157 158 168 194 195 196 201 222 227 247 254 261 264 266 271 273 282 283 296 298 303 305 306 309 310 312 313 314 316 319 328 331 333 343 344 350 355 356 358 359 365 369 370 372 373 374 375 376 377 380 381 382 384 385 389 393 394 395 398 399 401 406 407 412 414 416 418 420 421 428 429 432 435 445 458 461 465 466 470 473 474 478 479 481 485 495 497 499 501 506 508 512 519 556 566 575 585 587 594 597 601 930

1.1.11 Additional information explaining Tree Retention Values can be found in Section 5.4 or Appendix C – Tree Retention Values of this report.

2 Introduction

- 2.1.1 In June 2019, the NSW Government announced a significant expansion of the John Hunter and John Hunter Children's Hospitals with the \$780 million John Hunter Health and Innovation Precinct (JHHIP) project. The JHHIP will transform healthcare services for Newcastle, the greater Hunter region and northern NSW communities. The infrastructure will provide additional inpatient capacity to the John Hunter and John Hunter Children's Hospitals and create further opportunities for partnerships with industry and higher education providers.
- 2.1.2 The JHHIP will deliver an innovative and integrated precinct with industry-leading facilities working in collaboration with health, education and research partners to meet the current and future needs of the Greater Newcastle, Hunter New England and Northern NSW regions.
- 2.1.3 The John Hunter Health and Innovation Precinct Project is being planned and designed with ongoing communication and engagement with clinical staff, operational staff, the community and other key stakeholders with a strong focus on the following:
- Patient-centred care
 - Contemporary models of care
 - Future economic, health and innovation development opportunities
 - Environmental sustainability

2.2 Subject Site

- 2.2.1 The John Hunter Health Campus (JHHC) is located on Lookout Road, Lambton Heights, within the City of Newcastle Local Government Area (LGA), approximately 8km west of the Newcastle CBD. The hospital campus is located approximately 3.5km north of Kotara railway station.
- 2.2.2 The JHHC comprises the John Hunter Hospital (JHH), John Hunter Children's Hospital (JHCH), Royal Newcastle Centre (RNC), the Rankin Park Rehabilitation Unit and the Nexus Unit (Children & Adolescent Mental Health). JHHC is a Level 6 Principal Referral and tertiary Hospital, providing the clinical hub for medical, surgical, child and maternity services within the Hunter New England Local Health District (HNELHD) and across northern NSW through established referral networks. Other services at the campus include the Hunter Medical Research Institute (HMRI), Newcastle Private Hospital and the HNELHD Headquarters.

2.3 SSDA Proposal

- 2.3.1 Approval is being sought for a new Acute Services Building and refurbishment of existing hospital facilities at John Hunter Hospital comprising:
- Construction and operation of a new seven-storey Acute Services Building (plus 4 semi-basement levels) to provide:
 - an expanded and enhanced Emergency Department;
 - expanded and enhanced medical imaging services;
 - expanded and enhanced intensive care services - Adult, Paediatric and Neonatal;
 - expanded and enhanced Operating Theatres including Interventional Suites;
 - an expanded Clinical Sterilising Department;
 - Women's Services including Birthing Unit, Day Assessment Unit and Inpatient Units;
 - integrated flexible education and teaching spaces;
 - expanded support services;
 - associated retail spaces;
 - new rooftop helipads;
 - new semi-basement car parking;

- Refurbishment of existing buildings to provide:
 - additional Inpatient Units;
 - expanded support services;
- A new Hospital entry canopy and works to the existing drop off;
- Link bridge to the Hunter Medical Research Institute (HMRI);
- Campus wayfinding and signage;
- Landscape works;
- Site preparation including bulk earthworks, tree removal, environmental clearing, cut and fill;
- Mines grouting remediation works;
- Construction of internal roads network and construction access roads and works to existing at-grade carparking;
- Connection to the future Newcastle Inner City Bypass; and
- Inground building services works and utility adjustments.

2.3.2 ArborSafe Australia Pty Ltd was engaged by Health Infrastructure (the client) to complete an Arboricultural Impact Assessment Report on nine hundred and eighty-six (986) trees located within the immediate vicinity of the Acute Services Building (ASB). Trees are located mostly inside the area of the proposed Asset Protection Zone (APZ) and not encompassing the larger project footprint. The proposed construction site for the ASB is inside the grounds of the John Hunter Hospital within a sloping area of bushland to the north of the existing hospital building.

2.3.3 The report has been requested as part of a State Significant Development Application (SSDA) that involves a significant expansion and upgrade of the John Hunter Hospital, including a new ASB and refurbishment of existing hospital facilities, under the guise of the John Hunter Health and Innovation Precinct (JHHIP) project.

2.3.4 The SSDA includes a new ASB plus basement car parking, upgrading existing building infrastructure, new roading connections, landscaping works and bushfire protection strategies.

2.3.5 Planning Secretary's Environmental Assessment Requirements (SEARs) addressed in this report:

Requirement	Relevant Report Section
An Arboricultural Impact Assessment (AIA), prepared by a Level 5 (Australian Qualifications Framework) Arborist in accordance with the Australian Standard 4970 Protection of trees on development sites (AS 4970), which details:	
<ul style="list-style-type: none"> • The number, location and condition of trees to be removed and retained on-site 	See Section 9.2 and Appendix G

2.3.6 The report provides information on nine hundred and eighty-six (986) trees surrounding the ASB and how they will be impacted upon by the proposed development. Report findings and recommendations provided are based upon guidance provided within Australian Standard AS 4970–2009: *Protection of Trees on Development Sites*. Observations and recommendations provided within this report are based upon information provided by the client and an arborist site visit.

3 Scope

- 3.1.1 Carry out a visual examination of the nominated trees located within the vicinity of the proposed development and John Hunter Hospital.
- 3.1.2 Provide an objective appraisal of the subject trees in relation to their species, estimated age, health, structural condition, useful life expectancy (ULE) and viability within the landscape.
- 3.1.3 Based on the findings of this investigation, provide independent recommendations on the retention value of the subject trees.
- 3.1.4 Nominate subject trees that can be retained or require removal to facilitate the development.
- 3.1.5 Identify and reduce potential conflicts between subject trees and site development by providing accurate information on the area required for tree retention and methods/techniques suitable for tree protection during development works and associated bushfire protection strategies.
- 3.1.6 Provide information on restricted activities within the area nominated for tree protection, as well as suitable construction methods to be adopted during demolition and/or construction.

4 Methodology

4.1 Data Collection

- 4.1.1 Andrew Clark, Tom Axford and Jesse Tree of ArborSafe Australia Pty Ltd carried out a site inspection of the subject trees from 3 August to 17 September 2020.
- 4.1.2 Tree locations within the subject area of this report were identified during discussions with the client and following review of relevant supplied development documentation. As the exact location of the ASB, and associated APZ, were unsurveyed at the time of data collection, a larger area of trees than was ultimately required was assessed to cover all eventualities.
- 4.1.3 The subject trees were inspected from ground level. No foliage or soil samples were taken. No aerial or internal investigations were undertaken.
- 4.1.4 Tree height and canopy width were estimated and have been provided to the nearest whole metre. Trunk diameter at breast height (DBH) and trunk diameter at the root crown (DRC) were measured with a diameter tape and provided to the nearest centimetre.
- 4.1.5 In the absence of an Australian Standard, retention values were determined based upon a modified version of the British Standards 5837–2012: *Trees in Relation to Design, Demolition and Construction*. The basic format has been retained with the wording within the categories modified to Australian conditions.
- 4.1.6 Environmental and Heritage information may be sourced from the NSW Government Share and Enabling Environmental Data (SEED NSW) and/or Local Government websites. The source of all information has been referenced accordingly.
- 4.1.7 Data collected on site was analysed against the relevant development documentation by Andrew Clark, following which relevant recommendations were formulated and collated into report format.

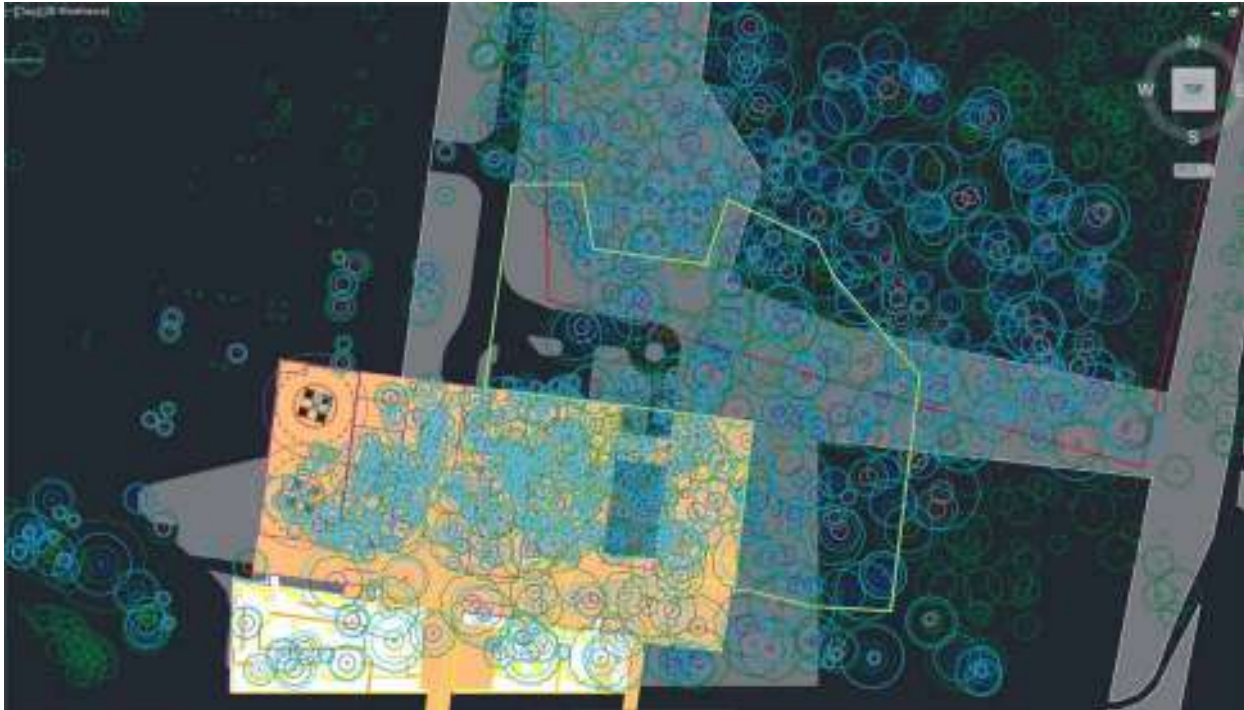


Figure 2. Excerpt from *extract_updated_with trees.dwg* showing proposed ASB and designated APZ (green line). (BVN, March 2021).

- 5.1.2 The site is located within the City of Newcastle Local Government Area (LGA).
- 5.1.3 The proposed ASB construction zone (Figure 1 and 2) is within an area of regenerating, natural bushland which possesses a minor sloping aspect, characterised by a high point to the south adjacent to the existing buildings and curving in a bowl around the eastern perimeter. The site has an old man-made sediment settlement pond, immediately east of the existing staff carpark, and is also transected by a small intermittent storm-based watercourse which runs north through the centre of the site and is what both the northern and eastern aspects slope down to.
- 5.1.4 The water course area immediately north of the existing buildings is the steepest section of slope and formed a partial gully. Site aspect is nominally northerly, west of the watercourse, and westerly, east of the watercourse.
- 5.1.5 The demarcation mark for the existing hospital buildings is a 2.5m tall concrete retaining wall located along the edge of the existing perimeter access road.
- 5.1.6 The entire bushland area appears to have previously been affected by bush fire, with lower trunk burn marks and burnt-out basal cavities evident throughout the site. The development site has been broad scale mapped as within or adjacent a Vegetation Category 1 Bushfire Zone (SEED, 2020). *Vegetation Category 1 is considered to be the highest risk for bush fire. It is represented as red on the bush fire prone land map and will be given a 100m buffer. This vegetation category has the highest combustibility and likelihood of forming fully developed fires including heavy ember production. Vegetation Category 1 consists of: areas of forest, woodlands, heaths (tall and short), forested wetlands and timber plantations (NSW Rural Fire Service, 2015).*

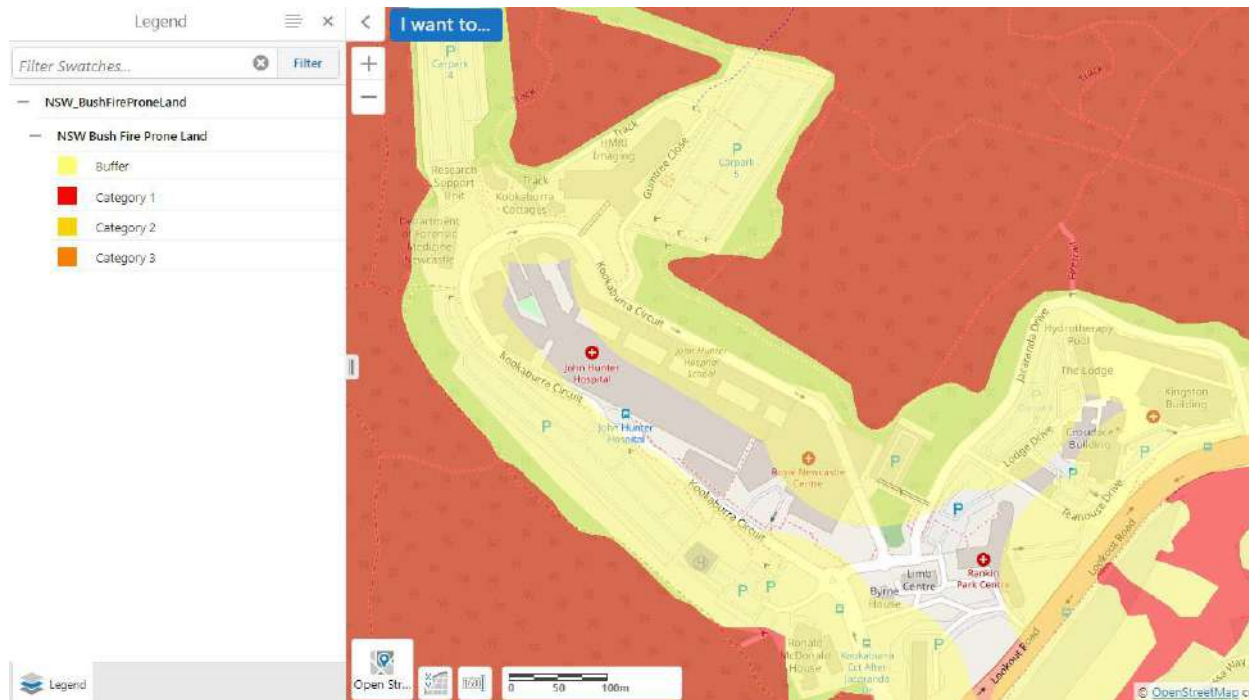


Figure 3. Excerpt showing the bushfire ratings across the study/assessment area. (SEED NSW, 29 Sept 2020).

5.1.7 Site soils were listed as being within the Dermosol range. These are soils with structured B2 horizons and lacking strong texture contrast between A and B horizons, although there is some diversity within the order. The site is listed as a Class 5 Acid Sulphate soil risk, which denotes that acid sulphate soils are not generally found on the site but would likely be located within 500m of adjacent Class 1, 2, 3 or 4 areas (SEED, 2020).

5.2 The Subject Trees

5.2.1 There were nine hundred and eighty-six (986) trees assessed as part of the SSDA development. Refer to Figure 9–12 for locations.

5.2.2 The ASB scope has been guided by the Newcastle City Council Tree Management Documentation (e.g. DCP, LEP, Urban Forest Technical Manual) and the requirements of the clients' proposed planning pathway to identify subject trees within the vicinity of the ASB that require inclusion within this report.

5.2.3 The subject trees situated within the location of the ASB were assessed based on them being above 5m and/or with a DBH >10cm, while the trees within the proposed APZ and outer areas were above 5m in height and/or with a DBH > 25cm. Some smaller trees within the site may have been omitted from the report due to their incumbent Low Retention rating, which was based on their current size, minimal contribution to local amenity or environmental concerns and ease of replacement.

5.2.4 Trees can be identified on site using white tree tags which are typically located at approximately 2.0m from ground level on the south side of the trunk.

5.3 Images and Site Photographs

5.3.1 All photographs were taken at the time of the site inspection by the inspecting arborists. Photographs have been altered for brightness and/or cropped only. Other images used within this report have been sourced from ArborSafe or via the internet. The source of all images has been referenced accordingly.

5.4 Tree Retention Values

- 5.4.1 Retention values were determined based upon a modified version of the British Standard BS 5837–2012: *Trees in Relation to Design, Demolition and Construction*. This standard categorises tree retention value based upon assessment of the tree's quality (health and structure), and life expectancy. Other criteria such as its physical dimensions, age class, location and its Amenity, Heritage and Environmental significance are also considered.
- 5.4.2 The matrix used has the intent, and many of the same attributes, as that outlined in section 4.1 *Determining Tree Retention Value* of the Newcastle City Council Urban Forest Technical Manual, albeit in a condensed format (Newcastle City Council, 2018).
- 5.4.3 Figures 9–12 illustrate the location and number of the subject trees according to their allocated Retention Value.
- 5.4.4 Due to the majority of the trees being within a bushland environment a greater emphasis was placed on the trees current health, structure and size, the estimated time required for replacement and the environmental benefits, over some of the more urban related descriptors. A breakdown of attributes required for each category can be obtained from Appendix C – Tree Retention Values.



Figure 4. Category A Tree 59, *Corymbia maculata* (Spotted Gum). (A. Clark, September 2020).



Figure 5. Category B Tree 40, *Corymbia gummifera* (Red Bloodwood).
(A. Clark, September 2020).



Figure 6. Category B Tree 57, *Eucalyptus acmenoides* (White Mahogany).
(A. Clark, September 2020).



Figure 7. Category C Tree 697, *Eucalyptus piperita* (Sydney Peppermint).
(A. Clark, September 2020).



Figure 8. Category C Tree 715, *Eucalyptus punctata* (Grey Gum).
(A. Clark, September 2020).

5.5 Plans Reviewed for Assessment

5.5.1 Preliminary plans of the existing site and the proposed development (Figures 1, 2 and 24) were provided to ArborSafe in October 2020 and March 2021 and include, but not limited to:

- Surveyed location of the site trees (with Retention Values, TPZ displayed and building and forecourt access location overlaid), Monteath & Powys Engineering Surveyors, October 2020.
- Required Asset Protection Zones (AS3959-2019 Method 2)), Bushfire Planning Australia and MJD Environmental, 2 March 2021.
- DWG File – Extract updated with trees 2021, BVN Architects, 1 March 2021
- Proposed Site Plan, Drawing AR_C0-A22 NL-X0, Issue 2, BVN Architects, 16 February 2021

6 Site Maps



Category A Trees

15, 17, 56, 59, 320, 417, 538, 547,
548, 549, 550, 558, 559, 564, 580,
581, 583, 606, 616, 626, 632, 633,
642, 674, 725, 741, 742, 793, 814,
843, 859, 862, 873, 875, 879, 889,
898, 899, 950, 959, 962, 963, 978

Figure 9. Site map showing 43 x Category A trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).



Category B Trees

1, 5, 7, 8, 9, 11, 12, 13, 18, 19, 22, 24, 25, 28, 29, 30, 32, 33, 34, 35, 37, 39, 40, 41, 42, 43, 45, 46, 53, 57, 61, 62, 64, 65, 71, 86, 88, 105, 108, 113, 127, 132, 136, 144, 146, 147, 150, 160, 161, 165, 166, 171, 187, 190, 197, 212, 225, 278, 301, 317, 346, 347, 383, 387, 396, 409, 415, 422, 423, 424, 426, 431, 436, 439, 441, 442, 444, 452, 456, 467, 476, 480, 483, 490, 496, 525, 528, 530, 531, 532, 533, 535, 536, 537, 539, 540, 541, 543, 544, 545, 546, 551, 553, 554, 555, 557, 560, 561, 562, 563, 565, 567, 568, 569, 571, 572, 573, 574, 576, 577, 578, 579, 582, 584, 586, 588, 590, 592, 593, 596, 599, 602, 603, 604, 605, 607, 613, 614, 615, 619, 623, 624, 625, 628, 629, 630, 631, 634, 636, 638, 641, 644, 645, 648, 650, 651, 654, 655, 657, 663, 664, 665, 676, 679, 680, 684, 685, 687, 689, 691, 693, 694, 696, 700, 701, 702, 704, 705, 706, 707, 709, 722, 726, 727, 728, 731, 733, 734, 735, 736, 739, 740, 743, 744, 745, 748, 749, 750, 751, 753, 755, 758, 759, 760, 761, 764, 766, 767, 772, 773, 774, 775, 777, 779, 781, 782, 783, 784, 786, 787, 788, 790, 791, 794, 797, 798, 801, 804, 805, 807, 810, 813, 818, 819, 821, 822, 824, 827, 828, 830, 836, 841, 842, 844, 845, 846, 852, 853, 855, 857, 864, 865, 866, 867, 868, 870, 872, 874, 876, 880, 881, 884, 885, 886, 888, 891, 893, 894, 895, 897, 900, 904, 905, 906, 907, 908, 909, 912, 914, 921, 923, 939, 942, 944, 946, 947, 949, 951, 952, 954, 956, 958, 960, 961, 964, 970, 972, 973, 974, 979, 980, 981, 982, 983, 984

Figure 10. Site map showing 305 x Category B trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).



Figure 11. Site map showing 523 x Category C trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. Refer to Appendix I for additional detailed mapping. (ArborSafe, February 2021).

Category C Trees

2, 3, 6, 10, 16, 20, 21, 23, 26, 27, 31, 36, 38, 44, 47, 48, 50, 51, 52, 54, 55, 58, 60, 63, 66, 67, 69, 70, 72, 73, 74, 75, 76, 77, 81, 82, 84, 85, 87, 89, 90, 91, 92, 93, 94, 95, 96, 98, 99, 100, 101, 102, 103, 104, 106, 107, 109, 110, 111, 112, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 128, 129, 130, 131, 133, 134, 137, 138, 140, 141, 142, 143, 148, 149, 152, 153, 154, 155, 156, 159, 162, 163, 164, 167, 169, 170, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 188, 189, 191, 192, 193, 198, 199, 200, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 213, 214, 215, 216, 217, 218, 219, 220, 221, 223, 224, 226, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 248, 249, 250, 251, 252, 253, 255, 256, 257, 258, 259, 260, 262, 263, 265, 267, 268, 269, 270, 272, 274, 275, 276, 277, 279, 280, 281, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 297, 299, 300, 302, 304, 307, 308, 311, 315, 318, 321, 322, 323, 324, 325, 326, 327, 329, 330, 332, 334, 335, 336, 337, 338, 339, 340, 341, 342, 345, 348, 349, 351, 352, 353, 354, 357, 360, 361, 362, 363, 364, 366, 367, 368, 371, 378, 379, 386, 388, 390, 391, 392, 397, 400, 402, 403, 404, 405, 408, 410, 411, 413, 419, 425, 427, 430, 433, 434, 437, 438, 440, 443, 446, 447, 448, 449, 450, 451, 453, 454, 455, 457, 459, 460, 462, 463, 464, 468, 469, 471, 472, 475, 477, 482, 484, 486, 487, 488, 489, 491, 492, 493, 494, 498, 500, 502, 503, 504, 505, 507, 509, 510, 511, 513, 514, 515, 516, 517, 518, 520, 521, 522, 523, 524, 526, 527, 529, 534, 542, 552, 570, 589, 591, 595, 598, 600, 608, 609, 610, 611, 612, 617, 618, 620, 621, 622, 627, 635, 637, 639, 640, 643, 646, 647, 649, 652, 653, 656, 658, 659, 660, 661, 662, 666, 667, 668, 669, 670, 671, 672, 673, 675, 677, 678, 681, 682, 683, 686, 688, 690, 692, 695, 697, 698, 699, 703, 708, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 723, 724, 729, 730, 732, 737, 738, 746, 747, 752, 754, 756, 757, 762, 763, 765, 768, 769, 770, 771, 776, 778, 780, 785, 789, 792, 795, 796, 799, 800, 802, 803, 806, 808, 809, 811, 812, 815, 816, 817, 820, 823, 825, 826, 829, 831, 832, 833, 834, 835, 837, 838, 839, 840, 847, 848, 849, 850, 851, 854, 856, 858, 860, 861, 863, 869, 871, 877, 878, 882, 883, 887, 890, 892, 896, 901, 902, 903, 910, 911, 913, 915, 916, 917, 918, 919, 920, 922, 924, 925, 926, 927, 928, 929, 931, 932, 933, 934, 935, 936, 937, 938, 940, 941, 943, 945, 948, 953, 955, 957, 965, 966, 967, 968, 969, 971, 975, 976, 977, 985, 986



Category U Trees

4, 14, 49, 68, 78, 79, 80, 83, 97,
135, 139, 145, 151, 157, 158,
168, 194, 195, 196, 201, 222,
227, 247, 254, 261, 264, 266,
271, 273, 282, 283, 296, 298,
303, 305, 306, 309, 310, 312,
313, 314, 316, 319, 328, 331,
333, 343, 344, 350, 355, 356,
358, 359, 365, 369, 370, 372,
373, 374, 375, 376, 377, 380,
381, 382, 384, 385, 389, 393,
394, 395, 398, 399, 401, 406,
407, 412, 414, 416, 418, 420,
421, 428, 429, 432, 435, 445,
458, 461, 465, 466, 470, 473,
474, 478, 479, 481, 485, 495,
497, 499, 501, 506, 508, 512,
519, 556, 566, 575, 585, 587,
594, 597, 601, 930

Figure 12. Site map showing 115 x Category U trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).

7 Planning, Design & Tree Protection Zones (TPZ)

7.1 Tree Protection Zones

- 7.1.1 The Tree Protection Zone (TPZ) and Structural Root Zone (SRZ) methods have been derived from the Australian Standard AS 4970–2009: *Protection of Trees on Development Sites*.
- 7.1.2 The TPZ is defined as a specified area above and below ground and at a given distance measured radially away from the centre of the tree's trunk and which is set aside for the protection of its roots and crown. It is the area required to provide for the viability and stability of a tree to be retained where it is potentially subject to damage by development. The radius of the TPZ is calculated by multiplying its DBH by 12. TPZ radius = DBH × 12. (Note "Breast Height" is nominally measured as 1.4m from ground level). TPZ is a theoretical calculation and can be influenced by existing physical constraints such as buildings, drainage channels, retaining walls, etc.
- 7.1.3 The SRZ is the area close to the base of a tree required for the tree's anchorage and stability in the ground. The woody root growth and soil cohesion in this area are necessary to hold the tree upright. The SRZ is nominally circular with the trunk at its centre and is expressed by its radius in metres.

$$\text{SRZ radius} = (D \times 50)^{0.42 \times 0.64}$$

7.2 Determining TPZ Encroachment

- 7.2.1 **Major encroachment.** As per the Australian Standard AS 4970–2009: *Protection of Trees on Development Sites*, a major encroachment into the TPZ of any tree is considered to occur when it is beyond 10% of the total TPZ area. Trees with major encroachment may require removal or, in certain instances, be retained with specific protection requirements throughout the construction stage.
- 7.2.2 **Minor encroachment.** Under the aforementioned standard, a minor encroachment is determined as being less than 10% of the total TPZ area. Trees with minor encroachment may be retained with specific, generic or no protection requirements throughout the construction stage.
- 7.2.3 **No encroachment.** Trees with no encroachment may be retained with generic or no protection requirements throughout the construction stage.
- 7.2.4 For the purposes of this report, trees to be removed or retained have been identified as those:
- Requiring removal due to a level of encroachment into their TPZ that would likely result in a detrimental impact upon their future health and/or stability
 - Retainable and requiring specific protection requirements throughout construction (i.e. generic requirements plus arborist supervision and careful construction methods within their TPZ)
 - Retainable and requiring generic tree protection measures only (i.e. protective fencing and restriction of activities within the TPZ).

7.3 Outline of Subject Trees

- 7.3.1 The majority of the trees consisted of various *Eucalyptus* sp. (Eucalypts) that were indigenous to the local area (Figures 4–8). The trees had grown within a setting of a natural ecology and as such were a mixture of juvenile understorey trees, intermediary semi-mature and mature trees, mature dominant trees as well as senescent and dead trees. Few of the trees were observed to have uninterrupted full canopies, due to the constrained growing environment, with most having some form of canopy suppression from adjacent trees.
- 7.3.2 Complete attributes for each tree can be found in Appendix G – Tree Assessment Data.
- 7.3.3 Refer to Appendix J for further detailed information on the predominant species found within the site.

7.4 Heritage Status

7.4.1 The study/assessment area had no trees identified as being of national, state or local heritage significance. (SEED, 2020).

7.5 Botanical and Environmental Status

7.5.1 The subject trees are considered common species in the local area and as such held limited botanical significance, other than there being some very large and/or old specimens.

7.5.2 The Plant Community Types (PCT) within the study/assessment area, and greater APZ area, have been mapped as a mixture of:

- Spotted Gum - Red Ironbark - Grey Gum shrub - grass open forest of the Lower Hunter Macleay Dry Sclerophyll Forest
- Smooth-barked Apple - Turpentine - Sydney Peppermint heathy woodland on sandstone ranges of the Central Coast.

7.5.3 Neither of the PCTs recorded in the SSDA conform to a threatened ecological community (TEC) under the EPBC Act (Umwelt Environmental, 2019).

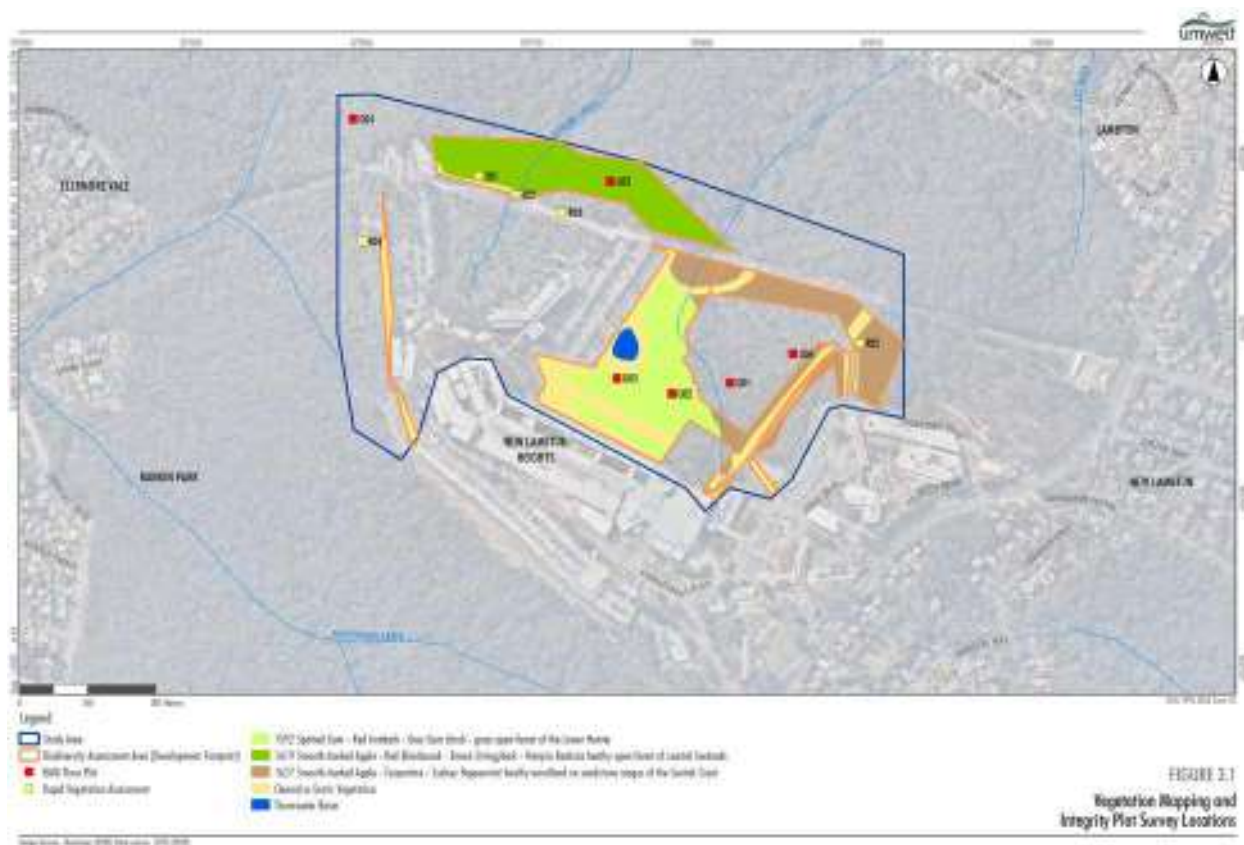


Figure 13. The image depicts Plant Community Types (PCT) across the study/assessment area. The red line indicates the proposed APZ area. (Umwelt Environmental, 2021).

7.5.4 The subject site is shown in the mid to higher ranges of land modelled for the suitability for koala habitat, but not within a specific *Area of Regional Koala Significance* (ARCS) (SEED, 2020).

7.5.5 The highly preferred Koala food tree species found within the Newcastle area are listed in the table below, with the species found onsite marked with an asterisk (NSW Office of Environment & Heritage, n.d.).

High preferred use	
White Box	<i>Eucalyptus albens</i>
Blakely's Red Gum	<i>Eucalyptus blakelyi</i>
Coast Grey Box	<i>Eucalyptus bosistoana</i>
Large-fruited Grey Box	<i>Eucalyptus canaliculata</i>
Monkey Gum	<i>Eucalyptus cypellocarpa</i>
Woollybutt	<i>Eucalyptus longifolia</i>
Yellow Box	<i>Eucalyptus melliodora</i>
Tallowwood *	<i>Eucalyptus microcorys</i>
Grey Box	<i>Eucalyptus moluccana</i>
Parramatta Red Gum	<i>Eucalyptus parramattensis</i>
Small-fruited Grey Gum	<i>Eucalyptus propinqua</i>
Grey Gum *	<i>Eucalyptus punctata</i>
Swamp Mahogany *	<i>Eucalyptus robusta</i>
Forest Red Gum *	<i>Eucalyptus tereticornis</i>

7.5.6 Sixty (60) trees were identified as having habitat significance, due to observed cavities within larger deadwood and/or cavities within trunks/stems. These trees include, and build on, the habitat trees identified within the Umwelt Biodiversity Assessment Report, October 2020. Detailed attributes of the specific cavities/habitat significance for each tree can be found in the 'Significance' and 'Arborist comments' columns in Appendix G – Tree Assessment Data.



Habitat Trees

20, 40, 41, 55, 97, 113, 216,
242, 267, 275, 278, 313, 441,
445, 448, 480, 488, 506, 528,
534, 540, 541, 544, 551, 552,
555, 556, 575, 579, 581, 584,
585, 587, 594, 645, 646, 647,
650, 672, 678, 679, 798, 820,
823, 844, 846, 853, 857, 859,
866, 868, 874, 875, 901, 939,
947, 975, 977, 980, 981

Figure 14. Site map showing 60 x subject trees with observed crown cavities constituting habitat significance. Detailed attributes and comments are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).

8 Impact Assessment

8.1 Impact of Proposed Development

- 8.1.1 Review of the proposed design has been undertaken in the context of tree retention and removal across the site.
- 8.1.2 The impacts are varied but can be simplified into two main types, the first being the 'traditional' issues surrounding trees on construction sites (i.e. compaction, footprint conflict, root damage etc.) which are expanded on in points 10.1.4 to 10.1.11. The second lot of impacts are in relation to the threat from bushfire and align with the recommendations put forward by the project bushfire consultant, BPA. These impacts are discussed in points 10.1.12 to 10.1.15.
- the sites' current bushland setting which has a high percentage of trees per square metre
 - the size of the proposed building and associated site leveling works
 - multiple proposed vehicle access points
 - service installation routes into the proposed development
 - extent of surrounding landscaped areas.
- 8.1.3 Many trees impacted directly by building footprint conflict are smaller, younger trees (107 classed as young/juvenile out of 986 total trees) which hold a Low retention rating. Refer to Appendix G for full detail. To retain any of these trees, a redesign or relocation of the development would be required.
- 8.1.4 The other main development impacts which affect trees within construction sites, but not necessarily to the point of requiring immediate removal, are usually through significant root damage due to major TPZ encroachment. These can largely be placed into three (3) categories – soil compaction, level changes and/or direct root severance.
- 8.1.5 Negative tree impacts can manifest as either a reduction in health and/or vigour due to root loss within the outer TPZ (absorption and/or transport roots) resulting in a reduction in water and nutrient absorption capability or on tree stability if larger roots are impacted within the SRZ. Ultimately, the outcome for the trees depends on a number of variable factors including species, age, current health, TPZ encroachment percentage, soil type, topography, previous site use and the proposed design and construction methodology.
- 8.1.6 Compacted soils, especially artificially compacted soils such as those found under driveways or building platforms, have a higher bulk density down to a deeper level of subsoil. Bulk density is the term used for describing the weight of soil per unit volume. The broad engineering thinking is that the higher the density the more stable the road surface due to less soil movement in expansion, contraction or compression. A higher bulk density is produced by compacting the soil to reduce available pore space between the soil particles.
- 8.1.7 The effect of compacted soils on plants is somewhat influenced by the soil type but generally a reduction in available pore space reduces the available area for oxygen and water within the soil. A reduction in available soil water and oxygen inhibits root activity within the soil, as they are essential for root elongation and growth, and the lack of these properties is considered a major limiting factor (Urban, 2008).

- 8.1.8 A similar reduction in root activity, due to a reduction in pore space, can occur following significant soil level changes across the TPZ. The impacts of soil level changes do depend on the added soil composition (sand vs clay-based vs silt material), installation methodology (compacted vs uncompacted) and depth deposited. The impacts of level change also generally occur over a longer time frame, as roots are still present and attached to the tree but may now be in a situation unfavourable to future root activity. Negative impacts can be mitigated by limiting the depth of the raised soil level and/or by ensuring the added soil is uncompacted and of a coarse sandy grade material to allow ease of water and oxygen penetration down to the original soil level. Over time additional soil can be beneficial as it increases usable soil volume for roots to utilise (especially in areas of high-water table) or by adding better quality soil to the existing soil.
- 8.1.9 Root severance has a definite negative impact on trees as it immediately causes a reduction in root function and capability where there is no time for the tree to easily adjust. The impact on trees due to the severance of larger roots is compounded as they not only function as highways for nutrients and water but in anchoring the tree in the ground.
- 8.1.10 The assumption of allowable encroachment and minimal long-term health or structural impacts to the trees during development rely on a combination of the following being used - root sensitive construction methods being adhered to within the TPZ, minimal excavation within the TPZ to limit root severance (i.e. construction placed outside the TPZ where possible), coarse sandy fill, rather than excavation, utilised to affect level changes where possible (i.e. to minimise root severance and allow the trees root system time to adjust), no construction occurring within the SRZ, compensatory area being available around the unimpacted aspects of the trees and the enhancement of the existing TPZ area (i.e. mulched, soil conditioning and irrigation when required).
- 8.1.11 Bushfire Asset Protection Zones (APZ) generally consist of a range of management practices to mitigate the threat posed by wild fire. Vegetation management practices range from creating a complete cleared zone around the development, to more targeted tree removal and/or under scrubbing to achieve a lower tree/timber volume per square meter and/or canopy separation into set quadrants, usually in conjunction with timed backburning and ongoing ground cover control.
- 8.1.12 Management practices are usually undertaken on a graduating basis, being more intensive in close to building and infrastructure and reducing in degrees the further away it progresses. Best practice would target lesser value trees (e.g. Category C trees) for removal over trees of high quality (e.g. Category A and B) to achieve the desired outcomes.
- 8.1.13 A proposed APZ (Appendix H – Figure 24) has been recommended by Bush Fire Planning Australia. Final APZ area or outline may be slightly adjusted following final detailed design and further bushfire consultation (refer Figure 2 for current APZ location). The APZ will be selectively cleared to achieve a 15% maximum canopy coverage with consultation between the Bushfire Consultant, Ecologist and Arborist regarding suitable trees to retain prior to commencement of tree removal. There are currently twenty-one (21) trees identified within the APZ area, with the intent to retain as many as possible in line with Bushfire requirements.
- 8.1.14 The retention value of the trees (based on age, size, etc) should be the starting point for guiding any additional tree removal. The trees are divided into eleven (11) Medium (Category B) and ten (10) Low (Category C) retention value trees. The eleven (11) trees of moderate value have been recommended for retention, pending further review by the bushfire and ecologist, while the ten (10) lower retention value trees should be the first considered for removal if additional APZ clearing is required.
- 8.1.15 Consultation with the project arborist will allow feedback during the detailed design phase to achieve the best outcomes.

8.2 Tree Removal within the proposed survey area (excluding trees outside APZ)

8.2.1 Seven hundred and sixty-five (765) trees, as follows, would require removal to facilitate the proposed design:

Category	Qty	Tree Numbers
A – High Retention Value	29	15, 17, 56, 320, 417, 538, 547, 548, 549, 550, 558, 559, 564, 580, 581, 583, 616, 674, 814, 843, 859, 862, 873, 875, 879, 889, 898, 899, 978
B – Moderate Retention Value	201	5, 7, 8, 9, 11, 12, 13, 18, 19, 22, 24, 25, 28, 29, 30, 32, 33, 34, 35, 37, 39, 40, 41, 42, 43, 45, 46, 53, 71, 86, 88, 105, 108, 113, 127, 132, 136, 144, 146, 147, 150, 160, 161, 165, 166, 171, 187, 190, 197, 212, 225, 278, 301, 317, 346, 347, 383, 387, 396, 409, 415, 422, 423, 424, 426, 431, 436, 439, 441, 442, 444, 452, 456, 467, 476, 480, 483, 490, 496, 525, 528, 530, 531, 532, 533, 535, 536, 537, 539, 540, 541, 543, 544, 545, 546, 551, 553, 554, 555, 557, 560, 561, 562, 563, 565, 567, 568, 569, 571, 572, 573, 574, 576, 577, 578, 579, 582, 586, 588, 590, 592, 593, 613, 614, 615, 645, 648, 650, 651, 663, 664, 665, 676, 679, 680, 749, 750, 751, 766, 798, 801, 804, 810, 813, 818, 819, 821, 822, 824, 827, 828, 830, 836, 841, 842, 844, 845, 846, 853, 855, 857, 864, 865, 866, 867, 868, 870, 872, 874, 876, 880, 881, 884, 885, 886, 888, 891, 893, 894, 895, 897, 900, 904, 905, 906, 907, 908, 909, 912, 914, 921, 923, 972, 973, 974, 979, 980, 981, 982, 983, 984
C – Low Retention Value	420	6, 10, 16, 20, 21, 23, 26, 27, 31, 36, 38, 44, 47, 48, 54, 55, 66, 67, 69, 70, 72, 73, 74, 75, 76, 77, 81, 82, 84, 85, 87, 89, 90, 91, 92, 93, 94, 95, 96, 98, 99, 100, 101, 102, 103, 104, 106, 107, 109, 110, 111, 112, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 128, 129, 130, 131, 133, 134, 137, 138, 140, 141, 142, 143, 148, 149, 152, 153, 154, 155, 156, 159, 162, 163, 164, 167, 169, 170, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 188, 189, 191, 192, 193, 198, 199, 200, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 213, 214, 215, 216, 217, 218, 219, 220, 221, 223, 224, 226, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 248, 249, 250, 251, 252, 253, 255, 256, 257, 258, 259, 260, 262, 263, 265, 267, 268, 269, 270, 272, 274, 275, 276, 277, 279, 280, 281, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 297, 299, 300, 302, 304, 307, 308, 311, 315, 318, 321, 322, 323, 324, 325, 326, 327, 329, 330, 332, 334, 335, 336, 337, 338, 339, 340, 341, 342, 345, 348, 349, 351, 352, 353, 354, 357, 360, 361, 362, 363, 364, 366, 367, 368, 371, 378, 379, 386, 388, 390, 391, 392, 397, 400, 402, 403, 404, 405, 408, 410, 411, 413, 419, 425, 427, 430, 433, 434, 437, 438, 440, 443, 446, 447, 448, 449, 450, 451, 453, 454, 455, 457, 459, 460, 462, 463, 464, 468, 469, 471, 472, 475, 477, 482, 484, 486, 487, 488, 489, 491, 492, 493, 494, 498, 500, 502, 503, 504, 505, 507, 509, 510, 511, 513, 514, 515, 516, 517, 518, 520, 521, 522, 523, 524, 526, 527, 529, 534, 542, 570, 589, 591, 595, 610, 611, 612, 617, 646, 647, 653, 660, 661, 662, 666, 667, 668, 669, 670, 671, 672, 673, 675, 677, 678, 681, 682, 710, 711, 712, 713, 714, 715, 752, 795, 799, 800, 802, 811, 812, 815, 816, 817, 820, 823, 825, 826, 829, 831, 832, 833, 834, 835, 837, 838, 839, 840, 847, 848, 849, 850, 854, 856, 858, 860, 861, 863, 869, 871, 877, 878, 882, 883, 887, 890, 892, 896, 901, 902, 903, 910, 911, 913, 915, 916, 917, 918, 919, 920, 922, 971, 975, 976, 977, 985, 986
U – No Retention Value	115	4, 14, 49, 68, 78, 79, 80, 83, 97, 135, 139, 145, 151, 157, 158, 168, 194, 195, 196, 201, 222, 227, 247, 254, 261, 264, 266, 271, 273, 282, 283, 296, 298, 303, 305, 306, 309, 310, 312, 313, 314, 316, 319, 328, 331, 333, 343, 344, 350, 355, 356, 358, 359, 365, 369, 370, 372, 373, 374, 375, 376, 377, 380, 381, 382, 384, 385, 389, 393, 394, 395, 398, 399, 401, 406, 407, 412, 414, 416, 418, 420, 421, 428, 429, 432, 435, 445, 458, 461, 465, 466, 470, 473, 474, 478, 479, 481, 485, 495, 497, 499, 501, 506, 508, 512, 519, 556, 566, 575, 585, 587, 594, 597, 601, 930

8.3 Tree Retention within the APZ

8.3.1 Forty-eight (48) trees were recommended for retention and require generic protection measures during construction to ensure they remain viable following the completion of works.

Category	Qty	Tree Numbers
A – High Retention Value	4	950, 959, 962, 963
B – Moderate Retention Value	23	1, 57, 596, 599, 602, 603, 604, 605, 607, 701, 805, 807, 939, 942, 944, 946, 947, 949, 956, 958, 960, 961, 964
C – Low Retention Value	21	2, 3, 50, 51, 52, 58, 598, 600, 803, 806, 808, 809, 938, 940, 941, 943, 945, 948, 955, 957, 965
U – No Retention Value		



Figure 15. Site map showing 48 x subject trees to be retained. Detailed attributes and comments are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, November 2020).

9 Tree Protection and Management Recommendations

9.1 General Tree Protection

- 9.1.1 All specifications detailed in *Appendix D – Tree Protection Measures* are to be followed.
- 9.1.2 The main tree protection fencing should be based on the site perimeter fence and on excluding the retained trees from the construction zone. Individual fencing may be required in certain instances. This aspect of tree protection will need to be refined as the design proposal is further developed.

9.2 Bush Fire APZ Planning

- 9.2.1 The APZ will be selectively cleared to achieve 15% max canopy coverage. The eleven (11) moderate retention value trees identified within the APZ will be reviewed by the Bushfire Consultant and Ecologist as to the most suitable to retain while being in line with the Bushfire requirements prior to the commencement of tree removal. These trees are numbered 57, 596, 599, 602, 603, 604, 605, 607, 701, 805 and 807.

9.3 Service Trench Alignment and Trenching Works

- 9.3.1 In the event excavation is required within the TPZs of retained trees identified within this report during preliminary design phases, arborist involvement will be required to ensure works are undertaken in accordance with the Australian Standard AS 4970–2009: *Protection of Trees on Development Sites*.
- 9.3.2 Excavation/trenching required within the TPZs of retained trees to facilitate service installation should be undertaken using sensitive construction methods such as under boring, manual excavation, hydro-vac or air spade, light machinery with spotter and ground protection.

9.4 Proposed Pruning

- 9.4.1 Zero (0) trees, at this stage of the development, have specific pruning within their canopies. In the advent of pruning work is being undertaken on retained trees it is anticipated that minor pruning only will be required of no greater than 10% of the trees total crown spread. It is anticipated any pruning undertaken would be for hazard reduction works (i.e. deadwood removal, hanging branches) or minor targeted pruning (i.e. crown lifting, reduction pruning) to facilitate the construction works or access. Larger deadwood with identified cavities will be shortened, retaining the cavities, where branch stability and understorey occupancy allow.
- 9.4.2 All pruning undertaken is to be completed in accordance with the Australian Standard AS 4373–2007: *Pruning of Amenity Trees* (Standards Australia, 2007) and undertaken by a suitably qualified arborist (minimum AQF 3 arborist).
- 9.4.3 Reduction pruning should focus on the removal of smaller diameter branches where feasible and remove no greater than 10% of the total crown. Branches no greater than 50mm diameter are to be removed unless specifically approved by the project arborist.

10 References

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Appendix A. Arboricultural Reporting Assumptions and Limiting Conditions

1. Any legal description provided to the consultant is assumed to be correct. Any titles and ownership of any property are assumed to be good. No responsibility is assumed for matters legal in character.
2. It is assumed that any property/project is not in violation of any applicable codes, ordinances, statutes or other government regulations.
3. Care has been taken to obtain all information from reliable sources. All data has been verified in so far as possible, however, the consultant can neither guarantee nor be responsible for the accuracy of the information provided by others.
4. The consultant shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.
5. Loss or alteration of any part of this report invalidates the entire report.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by anyone but the person to whom it is addressed, without the prior written consent of the consultant.
7. Neither all nor any part of the contents of this report, nor any copy thereof, shall be used for any purpose by anyone but the person to whom it is addressed, without the written consent of the consultant. Nor shall it be conveyed by anyone, including the Client, to the public through advertising, public relations, news, sales or other media, without the written consent of the consultant.
8. This report and any values expressed herein represent the opinion of the consultant and the consultant's fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
9. Sketches, diagrams, graphs and photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys unless expressed otherwise.
10. Information contained in this report covers only those items that were examined and reflect the condition of those items at the time of inspection.
11. Inspection is limited to visual examination of accessible components without dissection, excavation or probing. There is no warranty or guarantee expressed or implied that the problems or deficiencies of the plants or property in question may not arise in the future.

Appendix B. Explanation of Tree Assessment Terms

Tree number: Refers to the individual identification number assigned within the ArborSafe software to each assessed tree on the site and the number which appears on the tree's tag.

Tree location: Refers to the easting and northing coordinates assigned to the location of the tree as obtained from the geo-referenced aerial image within the ArborSafe software.

Tree species: Provides the botanic name (genus, species, sub-species, variety and cultivar where applicable) in accordance with the International Code of Botanical Nomenclature (ICBN), and the accepted common name.

Trees in group: The number of trees encompassing a collective assessment of more than one tree. Typically grouped trees have similar attributes that can be encompassed within one data record.

Height: The estimated range in metres attributed to the tree from its base to the highest point of the canopy. Where required height will be estimated to the nearest metre.

Diameter at Breast Height (DBH): Refers to the tree's estimated trunk diameter measured 1.4m from ground level for a single trunked tree. These estimates increase in 50mm increments. Where required DBH will be measured to give an accurate measurement for single trunked trees, trees with multiple trunks, significant root buttressing, bifurcating close to ground level or trunk defects and will be measured as per the Australian Standard AS 4970–2009: *Protection of Trees on Development Sites*.

Canopy spread: The estimated range in metres attributed to the spread of the tree's canopy on its widest axis. Where required crown spread will be estimated to the nearest metre.

Origin: Refers to the origin of the species and its type.

Category	Description
Locally Endemic	Occurs naturally in the local area and is native to a given region or ecosystem.
Australian Native	Occurs naturally within Australia and its territories but may not be indigenous to the location it finds itself.
Exotic Evergreen	Occurs naturally outside of Australia and its territories and typically retains its leaves throughout the year.
Exotic Deciduous	Occurs naturally outside of Australia and its territories and typically loses its leaves at least once a year.

Health: Refers to the health and vigour of the tree.

Category	Description
Excellent	Canopy full with even foliage density throughout, leaves are entire and are of an excellent size and colour for the species with no visible pathogen damage. Excellent growth indicators, e.g. seasonal extension growth. Exceptional specimen.
Good	Canopy full with minor variations in foliage density throughout, leaves are entire and are of good size and colour for the species with minimal or no visible pathogen damage. Good growth indicators, none or minimal deadwood.
Fair	Canopy with moderate variations in foliage density throughout, leaves not entire with reduced size and/or atypical in colour, moderate pathogen damage. Reduced growth indicators, visible amounts of deadwood, may contain epicormic growth.
Poor	Canopy density significantly reduced throughout, leaves are not entire, are significantly reduced in size and/or are discoloured, significant pathogen damage. Significant amounts of deadwood and/or epicormic growth, noticeable dieback of branch tips, possibly extensive.
Dead	No live plant material observed throughout the canopy, bark may be visibly delaminating from the trunk and/or branches.

Age: Refers to the life cycle of the tree.

Category	Description
Young	Newly planted small tree not fully established may be capable of being transplanted or easily replaced.
Juvenile	Tree is small in terms of its potential physical size and has not reached its full reproductive ability.
Semi-mature	Tree in active growth phase of life cycle and has not yet attained an expected maximum physical size for its species and/or its location.
Mature	Tree has reached an expected maximum physical size for the species and/or location and is showing a reduction in the rate of seasonal extension growth.
Senescent	Tree is approaching the end of its life cycle and is exhibiting a reduction in vigour often evidenced by natural deterioration in health and structure.

Structure: Refers to the structure of the tree from roots to crown.

Category	Description
Good	Sound branch attachments with no visible structural defects, e.g. included bark or acute angled unions. No visible wounds to the trunk and/or root plate. No fungal pathogens present.
Fair	Minor structural defects present, e.g. apical leaders sharing common union(s). Minor damage to structural roots. Small wounds present where decay could begin. No fungal pathogens present.
Poor	Moderate structural defects present, including bifurcations with included bark with union failure likely within 0–5 years. Wounding evident with cavities and/or decay present. Damage to structural roots.
Hazardous	Significant structural defects with failure imminent (3–6 months). Defects may include active splits and/or partial branch or root plate failures. Tree requires immediate arboricultural works to alleviate the associated risk.

Useful Life Expectancy (ULE): Useful life expectancy refers to an expected period of time the tree can be retained within the landscape before its amenity value declines to a point where it may detract from the appearance of the landscape and/or presents a greater risk and/or more hazards to people and/or property. ULE values consider tree species, current age, health, structure and location. ULE values are based on the tree at the time of assessment and do not consider future changes within the tree's location and environment which may influence the ULE value.

Defects: Visual observations made of the presenting defects of the tree and its growing environment that are, or have the capacity to impact upon, the health, structural condition and/or the useful life expectancy of the tree. Defects may include adverse physical traits or conditions, signs of structural weaknesses, plant disease and/or pest damage, tree impacts to assets or soil related issues.

Tree Significance: Includes environmental, social or historical reasons why the tree is significant to the site. The tree may also be rare under cultivation or have a rare or localised natural distribution.

Arborist Actions: A list of arboricultural and/or plant health care works that are aimed at maintaining or improving the tree's health, structural condition or form. Actions may also directly or indirectly reduce the risk potential of the tree such as via the removal of a particular branch or the moving of infrastructure from under its canopy.

Appendix C. Tree Retention Values

Based upon BS 5837–2012: Trees in relation to design, demolition and construction – recommendations.

Category and definition	Criteria (including sub-categories where appropriate)		
Category U			
Trees in such a condition that they cannot realistically be retained as viable trees in the context of the current land use for longer than 5 years.	<ul style="list-style-type: none">Trees that have a severe structural defect that are not remediable such that their failure is expected within 12 months.Trees that will become unviable after removal of other Category U trees (e.g. where for whatever reason the loss of companion shelter cannot be mitigated by pruning).Trees that are dead or are showing signs of significant, immediate and irreversible overall decline.Trees infected with pathogens of significance to the health and or safety of other trees nearbyLow quality trees suppressing adjacent trees of better quality.Noxious weeds or species categorised as weeds within the local area. <p>Note: Category U trees can have existing or potential conservation value* which might make it desirable to preserve.</p>		
	1. Arboricultural Qualities	2. Landscape qualities	3. Cultural and environmental values
Category A			
Trees of High Quality with an estimated remaining life expectancy of at least 25 years and of dimensions and prominence that it cannot be readily replaced in <20 years.	Trees that are particularly good examples of their species, especially if rare or unusual (in the wild or under cultivation); or those that are important components of groups or avenues.	Trees or groups of significant visual importance as arboricultural and/or landscape features. (e.g. feature and landmark trees).	Trees, groups or plant communities of significant conservation, historical, commemorative or other value (e.g. remnant trees, aboriginal scar trees, critically endangered plant communities, trees listed specifically within a Heritage statement of significance).
Category B			
Trees of Moderate Quality with an estimated remaining life expectancy of 15–25 years and of dimensions and prominence that cannot be readily replaced within 10 years.	Trees that might be included within Category A but are downgraded because of diminished condition such that they are unlikely to be suitable for retention beyond 25 years.	Trees that are visible from surrounding properties and/or the street but make little visual contribution to the wider locality.	Trees with conservation or other cultural value (trees within conservation areas or landscapes described within a statement of significance, locally indigenous species).
Category C			
Trees of Low Quality with an estimated remaining life expectancy of 5–15 years, or young trees that are easily replaceable.	Trees of very limited value or such impaired condition that they do not qualify in higher categories.	Trees offering low or only temporary/transient landscape benefits.	Trees with no material conservation or other cultural value.

*Where trees would otherwise be categorised as U, B or C but have significant identifiable conservation, heritage or landscape value even though only for the short term, they may be upgraded, although they might be suitable for retention only.

Tree Quality

		Health**			
		Excellent/ Good	Fair	Poor	Dead
Structure	Good	A	B	C	U
	Fair	B	B	C	U
	Poor	C	C	U	U
	Hazard*	U	U	U	U

*Structural hazard that cannot be remediated through mitigation works to enable safe retention.

** Trees of short term reduced health that can be remediated via basic, low cost plant health care works (e.g. mulching, irrigation etc.) may be designated in a higher health rating to ensure correct retention value nomination.

Category A	Typically trees in this category are of high quality with an estimated remaining life expectancy of at least 25 years and of dimensions and prominence that it cannot be readily replaced in <20 years. The tree may make significant amenity contributions to the landscape and may make high environmental contributions. In some cases, trees within this category may not meet the above criteria, however possess significant heritage or ecological value. Trees of this retention value warrant design consideration and amendment to ensure their viable retention.
Category B	Typically trees in this category are of moderate quality with an estimated remaining life expectancy of 15–25 years and prominence of size dimensions that cannot be readily replaced within 10 years. They may make moderate amenity contributions to the landscape and make low/moderate environmental contributions. Trees with this retention value warrant lesser design consideration in an attempt to allow for their retention.
Category C	Trees in this category are of low quality with an estimated remaining life expectancy of 5–15 years, or young trees that are easily replaceable, may have poor health and/or structure, are easily replaceable, or are of undesirable species and do not warrant design consideration.
Category U	Trees in this category are found to be in such a condition that they cannot realistically be retained as viable trees in the context of the current land use for longer than five years. These trees may be dead and/or of a species recognised as a weed that resulted in them being unretainable. These trees should be removed irrespective of any future development.

Appendix D. Protection Measures

Protection and Reporting Measures During Construction

All trees to be retained require protection during the construction stage. Tree protection measures include a range of:

- Activities restricted within the TPZ
- Protective fencing
- Trunk and ground protection
- Tree protection signage
- Involvement from the project arborist
- Project milestones
- Compliance reporting

Activities Prohibited within the TPZ

- Machine excavation including trenching
- Storage
- Preparation of chemicals, including cement products
- Parking of vehicles and plant
- Refuelling
- Dumping of waste
- Wash down and cleaning of equipment
- Placement of fill
- Lighting of fires
- Soil level changes
- Temporary or permanent installation of utilities and signs
- Physical damage to the tree

Protective Fencing Specification

Protective fencing is to be installed as far as practicable from the trunk of any retained trees. Fencing should be erected as per the image below before any machinery or materials are brought to site and before commencement of works (including demolition).

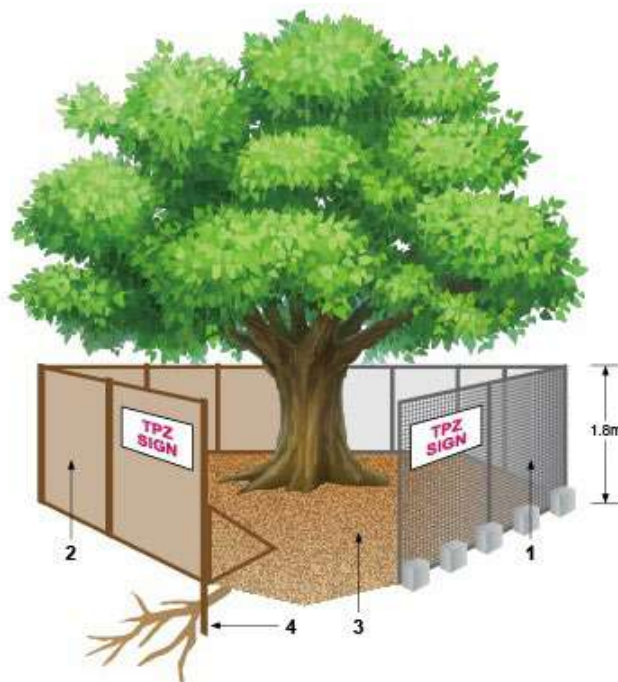
In some areas of the site (i.e. protection of trees on neighbouring properties) existing boundary fencing may be used as an alternative to protective fencing.

Once erected, protective fencing must not be removed or altered without approval from the project arborist. The TPZ fencing should be secured to restrict access.

TPZ fencing is to be a minimum of 1.8m high and mesh or wire between posts must be highly visible. Fence posts and supports should have a diameter greater than 20mm and should ideally be freestanding, otherwise be located clear of the roots. See image below.

Tree protection fencing must remain intact throughout all proposed construction works and must only be dismantled after their conclusion. The temporary dismantling of tree protection fencing must only be done with the authorisation of a consulting arborist and/or the responsible authority.

The subject trees themselves must also not be used as a billboard to support advertising material. Affixing nails or screws into the trunks of trees to display signs of any type is not a recommended practice in the successful retention of trees.



Legend:

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

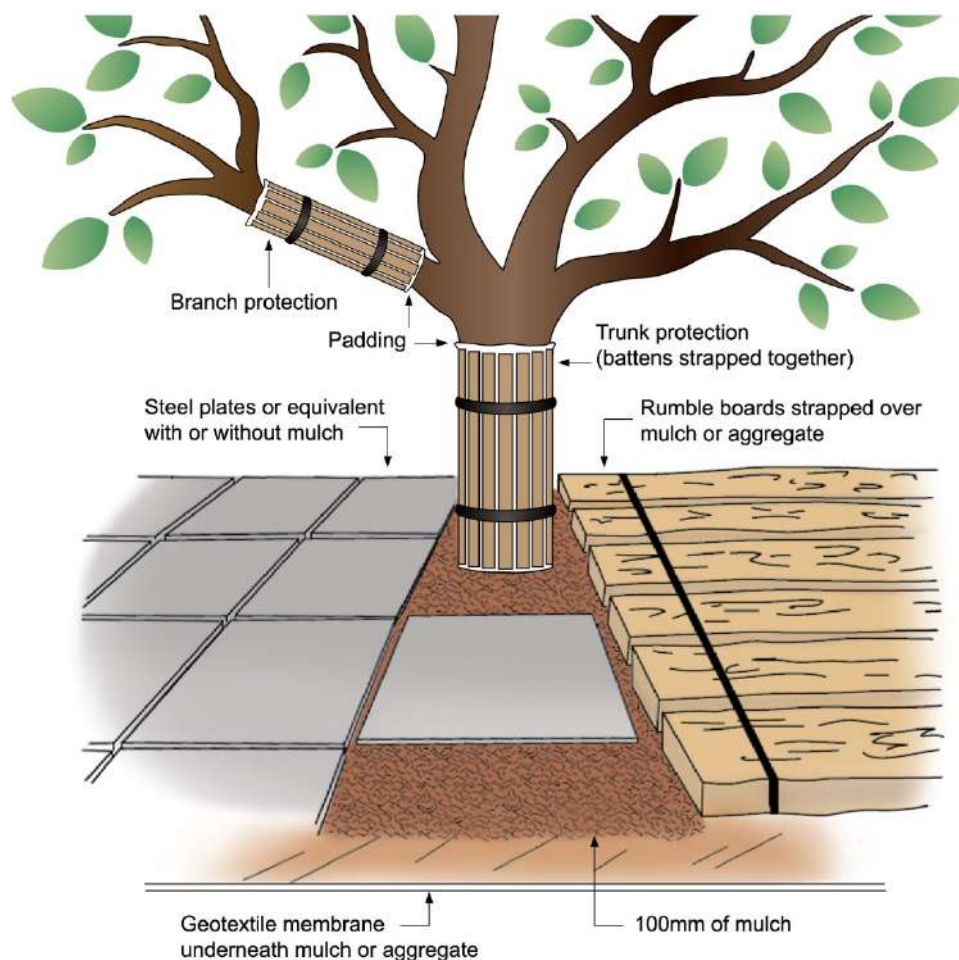
Figure 16. Depicts standard fencing techniques. (AS 4970–2009).

Trunk and Ground Protection

Given that proposed works are often within the TPZs of retained trees, standard protective fencing may not always be a viable method of protection. In these areas trunk protection and ground protection should be installed prior to the commencement of works and remain in place until after construction works have been completed.

Where construction access into the TPZ of retained trees cannot be avoided, the root zone of each tree must be protected using either steel plates or rumble board strapped over mulch/aggregate until such a time as permanent above ground surfacing (cellular confinement system or similar) is to be installed.

Trunk and ground protection should be undertaken in line with the Australian Standard AS 4790–2009: *Protection of Trees on Development Sites* as per the image below:



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.

Figure 17. Depicts trunk and ground protection techniques. (AS 4790–2009).

Tree Protection Signs

Signs identifying the TPZ should be placed at 10m intervals around the edge of the TPZ and should be visible from within the development site.

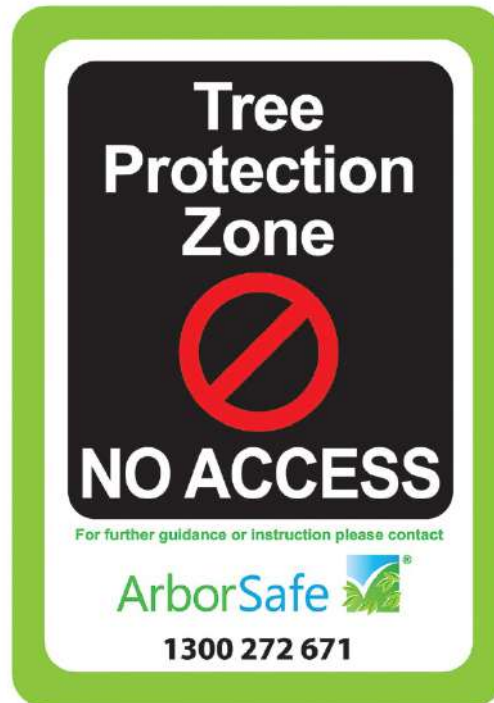


Figure 18. Depicts standard fencing techniques. (AS 4970–2009).

Appendix E. Reporting Requirements

Project Arborist

An official "Project Arborist" must be commissioned to oversee the tree protection, any works within the TPZ's and complete regular monitoring compliance certification.

The project arborist must have minimum five (5) years industry experience in the field of arboriculture, horticulture with relevant demonstrated experience in tree management on construction sites, and Diploma level qualifications in arboriculture – AQF Level 5.

Inspections are to be conducted by the project arborist at several key points during the construction in order to ensure that protection measures are being adhered to during construction stages and decline in tree health or additional remediation measures can be identified.

Project Milestones

The following visits and milestones were recommended as to when on-site tree inspection by the project arborist is required:

Item	Purpose of Visit	Timing of Visit(s)	Prerequisites
1	Pre-start induction	Following sign off from Item 1. Contractor to provide a minimum of five days advance notice for this visit.	Prior to commencement of works. All parties involved in the project to attend.
2	Supervision of works in TPZ's including all regrading and excavations	Whenever there is work planned to be performed within the retained trees TPZ's. Contractor to provide a minimum of five days advance notice for such visits.	
3	Regular site inspections	Minimum frequency monthly for the duration of the project.	The checklist must be completed by the Project Arborist at each site inspection and signed by both parties.
4	Final sign off	Following completion of works.	Practical completion of works and prior to tree protection removal.

Compliance Reporting

Following each inspection, the project arborist shall prepare a report detailing the condition of the trees. These reports should certify whether or not the works have been completed in compliance with the consent relating to tree protection.

These reports should contain photographic evidence where required to demonstrate that the work has been carried out as specified.

Matters to be monitored and included in these reports should include tree condition, tree protection measures and impact of site works which may arise from changes to the approved plans.

The reports and Compliance Statements shall be submitted to the Project Manager (as well as the Clients' nominated representative) following each inspection.

The reports and any Non-Compliance Statements shall be submitted to the Project Manager (as well as the Clients' nominated representative) if tree protection conditions have been breached. Reports should contain clear remedial action specifications to minimise any adverse impact on any subject tree.

Offset Tree Planting

Offset planting should reflect the number of trees removed and the initial loss of amenity and biomass. New trees should be of long-term potential and sourced from a reputable supplier.

Replacement tree species must suit their location on the site in terms of their potential physical size and their tolerance(s) to the surrounding environmental conditions. To avoid unethical or unprofessional tree selection and/or their placement within the landscape, replacement tree species must be selected in consultation with a consulting arborist, who can also assist in implementing successful tree establishment techniques.

Replacement tree species must have the genetic potential to reach a mature size potential of those trees removed to facilitate the development. As a guide, potential height will be a minimum of 10m (or more) and produce a spreading canopy so as they may provide amenity value to the property and contribute to the tree canopy of the surrounding area in the future.

Trenching for Installation of Underground Services

Where excavation or trenching is required to facilitate installation of underground services within the TPZs of any site trees arborist supervision is required. Works should be undertaken using techniques that are sensitive to tree roots to avoid unnecessary damage. Such techniques include:

1. Excavation by hand
2. Excavation using a high-pressure water jet and vacuum truck
3. Excavation using an Air Spade with vacuum truck.

Machine excavation should be prohibited within the TPZs of retained trees unless undertaken at the direct consent from the project arborist and/or the responsible authority.

Appendix F. Plant Health Care and Mulching

Guide to plant health tonics and root growth stimulants

Considering the varying sizes of trees in common urban landscapes, it is suggested that an application volume of combined water and product solution of 80–150L for small to medium sized trees (5-10m height), 150–250L for medium to large sized trees (10-20m height) and 250–400L for large to very large sized trees (+20m height). Note: a lesser volume of total mixed product could be used if a more concentrated mix is drenched and water irrigation used to further drench the area and therefore dilute the stronger mix application.

The following product recommendations have been based on previous successful works undertaken by ArborSafe. The information provided is to be used as a general guide only, depending on your tree species, health or location. We recommend you always refer to the manufacturers label before applying any product. You may need to further consult with ArborSafe or your Project Arborist to develop a more specific program for your tree needs.

- **Soil Conditioner** concentrate such as Kelpro, Seasol or similar 600–800mL/100L of water. A concentration of beneficial nutrients stimulating plant growth and root establishment, ideal for trees under stress.
- **Nitrogen Boost** concentrate such as Nitrosol liquid plant food or similar 300mL/100L of water. A general-purpose fertilizer that contains a nitrogen boost (the most abundantly used element for tree growth). NB: Care must be taken when applying general fertilizer, particularly where plants can be affected Phosphorus toxicity.
- **Root Biostimulant** concentrate such as Auxinone or similar 400mL/100L of water. A scientific blend of hormone root growth stimulants and vitamins assisting in the regeneration of roots.
- **Microbial Formulation** concentrate such as Noculate Liquid or similar 500mL/100L of water. Generally containing strains of beneficial soil microorganisms, humic acid, kelp, essential amino acids, vitamins, biotin, folic acid and natural sugars designed to enhance the establishment of beneficial microbial populations.
- **Carbohydrate Energy Source** such as Molasses 500-800mL/100L of water. Molasses is the by-product of sugar refining. It contains all the nutrients from the raw sugarcane plant and is a carbohydrate energy source that feeds soil microorganisms and increases microbial activity.
- **Surfactant/Wetting Agent** (optional) such as Dispatch (Liquid) 200–300ml/100L of water. Improves the infiltration and penetration of applied water and irrigation.

We recommend you always refer to the manufacturers label before applying any product using the above as a guide only.

Guide to mulching and maintenance for established trees

Whether a tree is a newly planted young tree, or a well-established mature tree, the area around its base is a key factor in its long-term retention and viability. Maintaining a soil environment that is conducive to tree root development is vital for trees of all ages. This guide provides information on appropriate maintenance practices around the base of trees including mulching and the restriction of activities that may cause harm to tree roots or trunks.

1. Why mulch?

Mulching is a plant health care action which can be undertaken to improve plant and soil health, as well as overall landscape aesthetics. Placing an organic (or sometimes inorganic) material on the soil surface reduces the level of direct sunlight contact. Mulching should not be confused with composting which involves incorporating organic matter such as composts or manures into the soil profile. All plants in their natural ecologies (except for some arid and coastal ecologies) are naturally mulched by the falling of leaves, bark, flowers and other organic material.

This action is of great importance in successful cultivation of plants as it:

- assists in the regulation of soil moisture and temperature levels
- helps to suppress weeds
- minimises soil compaction
- reduces run-off during periods of heavy rain
- adds organic matter to the soil, and
- improves overall structure, nutrition and water holding composition.

Mulch is best comprised of organic materials such as wood chips, leaf litter, straw or hay as these will degrade over time. Long-term mulching improves soil health and structure as it encourages the activities of earthworms, microflora and beneficial fungi. Inorganic materials such as stones and gravel can be moderately effective as mulch but will not provide the ongoing improvements to soil health.



Figure 19. An excellent example of how to mulch a young tree. (Lachlan Andrews, September 2015).

2. How to mulch

- Apply mulch to damp soil, as placing over dry soil makes it difficult to rehydrate. Applying during the cooler months of the year is an ideal time.
- If mulching on top of a pre-existing grass area, grass or weeds must first be hand weeded and/or sprayed with a non-selective herbicide and left to wilt and die before applying mulch.
- Mulch should be applied at a uniform thickness of 75–100mm and re-applied approximately every 12 months. Do not place mulch up against the trunk of a tree as the damp mulch can cause bark to decay.
- Apply over a wide area, at least as large as a tree's crown projection (preferably larger), within and outside the current root mass to encourage lateral root development and expansion. See Figure 20.
- Wood chip mulch (such as that generated from wood chippers) is considered an ideal mulch for landscape use as it contains a wide variety of materials that are of different sizes (such as bark, foliage and timber), is relatively cheap to purchase, and can be obtained in large quantities. Stockpiling of mulch after tree contractors have conducted works at a site is a way of generating 'free' mulch and ensuring that plant material from tree pruning and/or removals is recycled on site, not imported from external suppliers, saving costs and making the site more self-sustaining.
- The use of mulch made from pine bark or red gum chips are discouraged as they seldom degrade and therefore do not add nutrition to the soil profile. The uniform particle size and resin content can provide an impervious layer to water as well as retarding gaseous exchange.
- Mulching within the canopy areas of larger trees can not only improve long-term tree health but can also act to reduce tree risk by decreasing the number of targets that pass and/or congregate under their canopies. This in turn will minimise the likelihood of injury in the event of a branch failure.
- When using wood chip mulch, ensure that if it has been made from live plant material that is stored and allowed to compost for between 3 and 6 months prior to use. Never apply fresh, 'green' mulch around trees as this can induce what is called the nitrogen drawdown, which can result in the removal of nitrogen from the soil resulting in plants with nutrient deficiencies.

For further information refer to the Australian Standard AS 4454–2012: *Composts, Soil Conditioners and Mulches*.

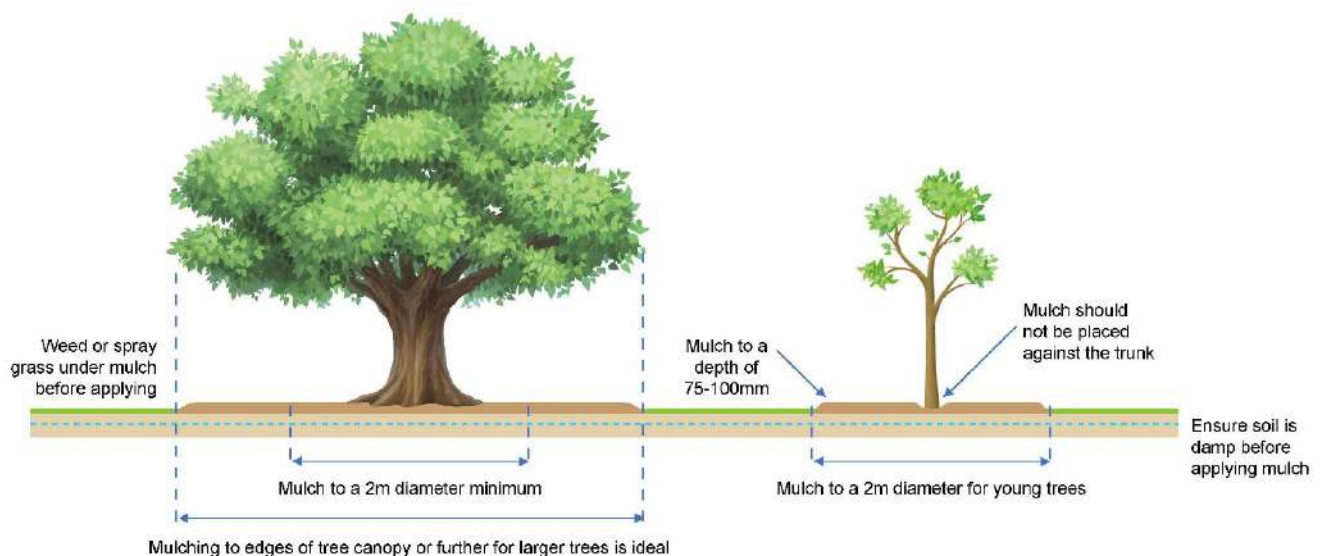


Figure 20. Mulching established and young trees (ArborSafe Australia, 2020).

3. Root and trunk damage

The function of tree roots is primarily to provide water and nutrient uptake for the tree, provide stability through structural roots that anchor it to the ground and as a means of food and nutrient storage. Damage to tree roots can lead to a reduction to any or all of these functions.

Damage to tree roots and the lower portion of a tree's trunk is a common and often unnecessary occurrence that can lead to the entry of decay fungi into a tree's structural framework. Once present, decay may develop in larger structural roots and/or the base of the trunk, which can result in a reduction in tree health and in severe cases even compromise stability.

Works such as trenching and excavation are often the cause of root damage to trees. Refer to ArborSafe's Guide – Tree protection during construction or the Australian Standard AS 4970–2009: *Protection of Trees on Development Sites* for things to consider when performing construction activities near trees.

Everyday activities such as grass cutting via mowing or brush cutters can result in serious root damage or wounding to the lower trunk. Young trees with their trunks damaged by machinery often need replacing, while damage to the trunks and/or surface roots of established trees is not only detrimental to tree health but can also result in costly repairs to machinery.

Another advantage to mulching around the trunk and root crown is that it limits damage to both parts from mowing equipment. This in turn reduces mechanical damage and compaction.



Figure 21. An example of damage to tree roots caused via mowing. (Luke Dawson, June 2017).

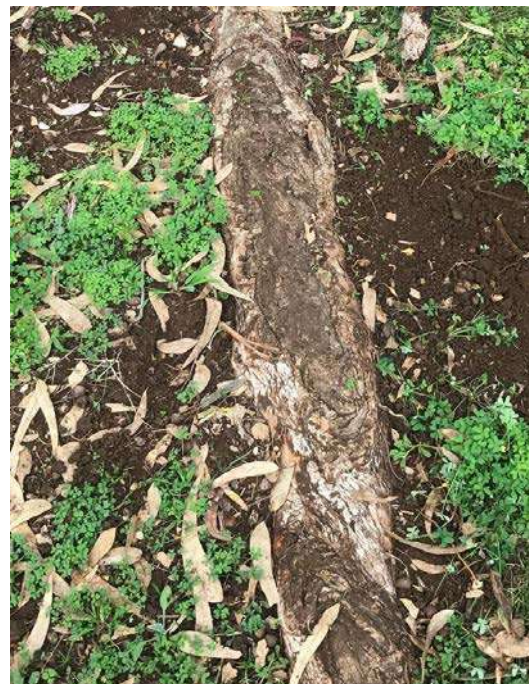


Figure 22. Image showing wound caused to upper portion of surface root by mower. (Luke Dawson, June 2017).

4. How to avoid root and trunk damage

The following points serve to highlight ways to avoid damage to tree roots and trunks caused via grass cutting activities:

- Mulching around young and established trees negates the need for brush cutter and/or lawn mower use around the base of a tree. Mulching therefore not only creates a barrier between tree roots and trunk that are susceptible to damage, it improves soil condition, minimises soil compaction and decreases the total area required for mowing.
- Where mulching is not feasible, raising the cutting height of mowers and maintaining grass at a greater height can avoid unnecessary 'scalping' of roots and damage to mowers/blades.
- Where surface roots are located away from the trunk and in a location where neither the application of mulch nor the raising of mower height is inappropriate, it may be possible to raise the soil grade directly around the root/s to minimise damage. It is important that the application of new material does not result in significant changes to the soil profile that may inadvertently damage roots. Material applied should be permeable and allow the development of turf which will protect the roots. Coarse sand or a planting mix with a high sand to organic matter ratio (e.g. 80/20 mix) spread at a depth of 75–100mm could suitably protect the surface root from damage, while allowing turf to redevelop within the area.
- ArborSafe is able to answer any questions regarding the material, depth and method of application to be used to ensure the tree/s remain viable for the long-term.

Appendix G. Tree Assessment Data

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
1	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	37	61	4.4	61.93	2.7	15-20	5-10	Good	Good	Semi-Mature	25-50	Previous failure(s); Soil grade changes;	Amenity value/shade; Suitable to site conditions;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
2	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	24	39	2.9	26.06	2.2	10-15	5-10	Good	Good	Semi-Mature	25-50	Previous failure(s);	Amenity value/shade; Suitable to site conditions;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
3	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	22	36	2.6	21.90	2.5	5-10	<5	Good	Good	Juvenile	25-50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
4	Dead Tree	Dead tree		1	47	50	5.6	99.93	2.2	15-20	5-10	Dead	Poor	Semi-Mature	0	Dieback; Excessive thinning;		Removal;	Within proposed building footprint. Dead tree.	U		Remove tree irrespective of future development.
5	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	43	51	5.2	83.65	2.5	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
6	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	24	29	2.9	26.06	2.0	10-15	5-10	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
7	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	38	49	4.6	65.33	2.5	23	11	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions; Screen value;		Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
8	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	57	78	6.8	146.98	3.0	23	11	Good	Good	Semi-Mature	>50	Resin exudation/kino; Wound(s);	Amenity value/shade; Suitable to site conditions; Screen value;		Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
9	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	50	70	6.0	113.10	2.8	23	9	Good	Good	Semi-Mature	>50	Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Suitable to site conditions; Screen value;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
10	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	14	21	2.0	12.57	1.7	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
11	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	48	57	5.8	104.23	2.6	22	11	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions; Screen value;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
12	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	45	50	5.4	91.61	2.5	20-30	5-10	Good	Fair	Semi-Mature	25-50	Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Suitable to site conditions; Screen value;		Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
13	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	93	94	11.1	388.60	3.2	29	17	Good	Fair	Mature	25-50	Co-dominant stems; Crossing/rubbing branches; Deadwood/stubs > 100mm; Epicormic growth; Included bark; Previous failure(s); Resin exudation/kino; Soil grade changes; Wound(s);	Amenity value/shade; Suitable to site conditions; Screen value; Attractive landscape feature; Significant due to age/size;	Remove deadwood/stubs > 100mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
14	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	10	66	2.0	12.57	2.8	5-10	<5	Good	Poor	Mature	<5	Epicormic growth; Poor pruning; Uncharacteristic form; Weak union(s); Wound(s);	Unsuitable to site conditions;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention No survey mark observed.	U		Remove tree irrespective of future development.
15	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	63	75	7.6	179.55	2.9	20-30	15-20	Good	Good	Mature	>50	Borers/termites; Deadwood/stubs > 100mm; Resin exudation/kino; Wound(s);	Significant due to age/size; Dominant landscape feature; Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 100mm;	Within building footprint. Basal flare indicates probable termite activity.	A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
16	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	51	62	6.1	117.67	2.7	15-20	10-15	Fair	Fair	Mature	10-15	Deadwood/stubs > 100mm; Dieback; Mechanical damage to root(s); Soil grade changes; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
17	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	62	76	7.4	173.90	2.9	20-30	15-20	Good	Good	Mature	25-50	Crossing/rubbing branches; Deadwood/stubs > 30mm; Mechanical damage to root(s); Previous failure(s); Soil grade changes; Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size; Dominant landscape feature;	Remove selective branches;	Within proposed building footprint.	A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
18	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	44	55	5.3	87.58	2.6	15-20	10-15	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
19	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	56	74	6.7	141.87	2.9	20-30	15-20	Fair	Fair	Mature	15-25	Co-dominant stems; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 100mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
20	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	73	115	8.8	240.54	3.5	20-30	15-20	Good	Poor	Mature	10-15	Cavity(s); Co-dominant stems; Deadwood/stubs > 100mm; Epicormic growth; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant habitat - nests/hollows;	Remove deadwood/stubs > 100mm;	Within building footprint. Hollow bearing deadwood. Trees current structure will not support long-term retention	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
21	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	22	2.0	12.57	1.8	5-10	<5	Good	Fair	Juvenile	5-10	Soil grade changes; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
22	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	39	47	4.7	68.81	2.4	15-20	5-10	Fair	Good	Semi-Mature	25-50	Dieback; Pests/insects; Soil grade changes;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
23	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	39	62	4.7	68.81	2.7	10-15	5-10	Good	Fair	Semi-Mature	10-15	Cavity(s); Co-dominant stems; Deadwood/stubs < 30mm; Included bark; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
24	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	63	69	7.6	179.55	2.8	20-30	15-20	Fair	Fair	Mature	10-15	Deadwood/stubs > 60mm; Dieback; Epicormic growth; Hanger(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
25	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	43	50	5.2	83.65	2.5	15-20	10-15	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 60mm; Resin exudation/kino; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
26	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	17	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	10-15	Inappropriate location; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
27	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	33	44	4.0	49.27	2.3	15-20	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
28	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	38	48	4.6	65.33	2.4	15-20	10-15	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Deadwood/stubs > 60mm; Included bark; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
29	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	40	50	4.8	72.38	2.5	15-20	10-15	Good	Good	Semi-Mature	25-50	Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
30	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	38	46	4.6	65.33	2.4	20-30	15-20	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Excessive end weight; Hanger(s); Previous failure(s);	Amenity value/shade; Suitable to site conditions;	End weight reduction; Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
31	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	18	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	5-10	Inappropriate location; Suppressed; Uncharacteristic form;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
32	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	49	60	5.9	107.89	2.7	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Included bark;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
33	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	39	49	4.7	68.81	2.5	20-30	10-15	Good	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs < 30mm; Resin exudation/kino;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
34	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	61	72	7.3	168.33	2.9	20-30	15-20	Fair	Good	Mature	25-50	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Pests/insects;	Amenity value/shade; Attractive landscape feature;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
35	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	43	55	5.2	83.65	2.6	10-15	10-15	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Hanger(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
36	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	14	18	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	>50	Previous failure(s);	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
37	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	47	66	5.6	99.93	2.8	20-30	15-20	Good	Good	Mature	>50	Co-dominant stems; Deadwood/stubs < 30mm; Previous failure(s); Suppressed;	Amenity value/shade;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
38	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	74	98	8.9	249.58	3.3	20-30	15-20	Good	Poor	Mature	15-25	Cavity(s); Co-dominant stems; Crossing/rubbing branches; Deadwood/stubs > 60mm; Decay; Included bark; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within building footprint. Trees current structure will not support long-term retention	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
39	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	42	60	5.0	79.80	2.7	20-30	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs > 60mm;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
40	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	61	72	7.3	168.33	2.9	20-30	15-20	Good	Good	Mature	25-50	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Suitable to site conditions; Significant habitat - nests/hollows;		Within building footprint. Cavities within old branch stubs observed.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
41	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	50	76	6.0	113.10	2.9	20-30	10-15	Good	Fair	Mature	15-25	Cavity(s); Deadwood/stubs > 100mm; Previous failure(s); Resin exudation/kino; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions; Significant habitat - nests/hollows;		Within building footprint. Asymmetrical crown shape due to suppression from neighbouring tree & previous branch failure. Cavities within old branch stubs observed.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
42	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	39	46	4.7	68.81	2.4	20-30	5-10	Good	Good	Semi-Mature	25-50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
43	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	54	72	6.5	131.92	2.9	15-20	10-15	Good	Good	Semi-Mature	25-50	Borers/termites; Co-dominant stems; Deadwood/stubs < 30mm; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within building footprint. Active termites.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
44	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	27	30	3.2	32.98	2.0	10-15	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Crossing/rubbing branches; Included bark; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
45	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	42	54	5.0	79.80	2.6	20-30	15-20	Good	Good	Semi-Mature	>50		Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
46	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	60	92	7.2	162.86	3.2	20-30	15-20	Good	Fair	Mature	15-25	Cavity(s); Deadwood/stubs > 30mm; Epicormic growth; Hanger(s); Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove hanging limb(s);	Within building footprint. Good reaction wood surrounds basal cavity.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
47	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	64	76	7.7	185.30	2.9	20-30	15-20	Good	Poor	Mature	5-10	Bird browsing damage; Deadwood/stubs > 100mm; Epicormic growth; Hanger(s); Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove hanging limb(s);	Within initial Fire & Rescue APZ (40m). Multiple failures.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
48	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	42	55	5.0	79.80	2.6	15-20	15-20	Good	Poor	Mature	10-15	Borers/termites; Cavity(s); Co-dominant stems; Deadwood/stubs > 60mm; Decay; Fungal fruiting body(s); Wound(s);	Amenity value/shade;		Within initial Fire & Rescue APZ (40m). Limited reaction growth surrounding basal cavity.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
49	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	21	44	2.5	19.18	2.3	5-10	5-10	Good	Poor	Juvenile	5-10	Epicormic growth; Poor pruning; Suckers; Weak union(s); Wound(s);	Amenity value/shade;	Removal;	Within initial Fire & Rescue APZ (40m). Sucker regrowth from previously removed tree.	U		Remove tree irrespective of future development.
50	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	20	2.0	12.57	1.7	5-10	<5	Good	Good	Juvenile	>50	Co-dominant stems;	Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
51	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	16	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
52	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	52	77	6.2	122.33	3.0	20-30	10-15	Good	Poor	Mature	10-15	Borers/termites; Cavity(s); Deadwood/stubs < 30mm; Wound(s);	Amenity value/shade; Suitable to site conditions;		Limited reaction growth surrounding basal cavity.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
53	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	38	44	4.6	65.33	2.3	15-20	10-15	Good	Good	Semi-Mature	>50	Borers/termites; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m). Active termites.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
54	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	70	96	8.4	221.67	3.3	20-30	5-10	Fair	Poor	Mature	10-15	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade;		Within secondary APZ (62m). Trees current health and structure will not support long-term retention	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
55	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	60	84	7.2	162.86	3.1	15-20	15-20	Good	Fair	Semi-Mature	15-25	Cavity(s); Co-dominant stems; Deadwood/stubs > 30mm; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Significant habitat - nests/hollows;		Limited reaction growth surrounding basal cavity.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
56	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	58	68	7.0	152.18	2.8	20-30	15-20	Good	Good	Mature	>50	Co-dominant stems; Deadwood/stubs > 100mm; Parasitic plant/mistletoe;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size; Dominant landscape feature;	Remove deadwood/stubs > 30mm;		A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
57	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	84	100	10.1	319.21	3.3	20-30	15-20	Good	Fair	Mature	25-50	Borers/termites; Cavity(s); Crossing/rubbing branches; Deadwood/stubs > 30mm; Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size;		Good response growth around lower basal cavity opening with no fungal fruiting bodies or significant decay observed. Subaerial termites observed, generally associated with dead wood within canopy.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
58	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	14	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	15-25	Resin exudation/kino; Wound(s);	Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
59	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	68	84	8.2	209.18	3.1	30-50	10-15	Good	Good	Mature	>50	Co-dominant stems; Deadwood/stubs > 60mm; Resin exudation/kino; Wound(s);	Amenity value/shade; Attractive landscape feature; Dominant landscape feature; Significant due to age/size; Suitable to site conditions; Outstanding example of species;	Remove deadwood/stubs > 30mm;	Within secondary APZ (62m).	A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
60	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	12	14	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Co-dominant stems; Resin exudation/kino; Wound(s);	Amenity value/shade;		Within secondary APZ (62m).	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
61	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	62	89	7.4	173.90	3.2	20-30	15-20	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within secondary APZ (62m).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
62	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	40	46	4.8	72.38	2.4	20-30	10-15	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within secondary APZ (62m).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
63	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	15	20	2.0	12.57	1.7	10-15	<5	Good	Good	Juvenile	15-25	Suppressed;	Amenity value/shade;		Within secondary APZ (62m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
64	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	61	79	7.3	168.33	3.0	30-50	10-15	Good	Fair	Mature	15-25	Deadwood/stubs > 60mm; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions; Significant due to age/size;		Within secondary APZ (62m). Asymmetrical crown shape due to suppression from neighbouring tree. Multiple previous branch failure points observed.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
65	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	47	56	5.6	99.93	2.6	20-30	5-10	Good	Good	Semi-Mature	25-50	Deadwood/stubs < 30mm; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within secondary APZ (62m).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
66	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	2	11	14	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
67	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	18	21	2.2	14.66	1.7	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
68	Dead Tree	Dead tree		1	25	28	3.0	28.27	1.9	10-15	<5	Dead	Poor	Semi-Mature	0			Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
69	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
70	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
71	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	60	78	7.2	162.86	3.0	20-30	10-15	Fair	Good	Mature	15-25	Deadwood/stubs > 60mm; Dieback; Epicormic growth;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
72	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	4	9	11	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint. Mix of Euc. paniculata & Euc. punctata.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
73	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	7	6	7	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
74	<i>Casuarina glauca</i>	Swamp she-oak	Endemic	1	11	16	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
75	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	11	19	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
76	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	18	22	2.2	14.66	1.8	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
77	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	32	3.0	28.27	2.1	10-15	<5	Good	Good	Semi-Mature	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
78	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	22	26	2.6	21.90	1.9	5-10	<5	Good	Poor	Juvenile	5-10	Co-dominant stems; Damaging infrastructure; Inappropriate location; Included bark; Suppressed;	Amenity value/shade; Suitable to site conditions;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention	U		Remove tree irrespective of future development.
79	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	15	21	2.0	12.57	1.7	5-10	<5	Good	Poor	Juvenile	5-10	Co-dominant stems; Included bark; Uncharacteristic form; Weak union(s);	Amenity value/shade; Suitable to site conditions;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention	U		Remove tree irrespective of future development.
80	Dead Tree	Dead tree		1	11	14	2.0	12.57	1.5	5-10	<5	Dead	Poor	Juvenile	0			Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
81	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	20	24	2.4	18.10	1.8	10-15	<5	Good	Fair	Juvenile	15-25	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
82	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	28	3.0	28.27	1.9	10-15	5-10	Good	Good	Semi-Mature	>50	Co-dominant stems; Deadwood/stubs < 30mm; Wound(s);	Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
83	Dead Tree	Dead tree		1	30	40	3.6	40.72	2.3	10-15	<5	Dead	Poor	Semi-Mature	0			Removal;	Within proposed building footprint. Dead tree.	U		Remove tree irrespective of future development.
84	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	10	13	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
85	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	20	24	2.4	18.10	1.8	10-15	<5	Good	Fair	Semi-Mature	15-25	Deadwood/stubs > 60mm; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
86	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	30	32	3.6	40.72	2.1	15-20	<5	Good	Good	Semi-Mature	>50	Deadwood/stubs > 60mm; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
87	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	14	17	2.0	12.57	1.6	5-10	<5	Good	Fair	Juvenile	10-15	Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
88	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	49	58	5.9	108.62	2.6	20-30	10-15	Good	Fair	Mature	>50	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
89	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	13	16	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	10-15	Co-dominant stems; Included bark;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
90	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	17	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
91	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	24	30	2.9	26.06	2.0	10-15	5-10	Good	Fair	Semi-Mature	15-25	Included bark; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
92	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	15	16	2.0	12.57	1.5	10-15	<5	Good	Poor	Juvenile	5-10	Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
93	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	20	25	2.4	18.10	1.8	10-15	<5	Good	Fair	Juvenile	25-50	Epicormic growth; Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
94	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	5	11	16	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	10-15	Girdling root(s); Suppressed; Uncharacteristic form;	Amenity value/shade;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
95	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	25	23	3.0	28.27	1.8	15-20	5-10	Good	Fair	Juvenile	15-25	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
96	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	15	15	2.0	12.57	1.5	10-15	<5	Good	Poor	Juvenile	5-10	Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
97	Dead Tree	Dead tree		1	41	48	4.9	76.05	2.4	10-15	5-10	Dead	Poor	Mature	0	Cavity(s);	Significant habitat - nests/hollows;	Removal;	Within proposed building footprint. Dead tree.	U		Remove tree irrespective of future development.
98	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	12	17	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
99	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	27	33	3.2	32.98	2.1	15-20	10-15	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Resin exudation/kin; Suppressed; Wound(s);			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
100	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	30	42	3.6	40.72	2.3	20-30	5-10	Fair	Good	Semi-Mature	15-25	Co-dominant stems; Deadwood/stubs > 30mm; Previous failure(s); Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
101	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	13	16	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	>50	Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
102	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	18	24	2.2	14.66	1.8	10-15	<5	Good	Good	Juvenile	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
103	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	16	25	2.0	12.57	1.8	15-20	5-10	Good	Good	Semi-Mature	>50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
104	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	18	20	2.2	14.66	1.7	10-15	5-10	Good	Fair	Juvenile	15-25	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
105	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	28	38	3.4	35.47	2.2	15-20	5-10	Fair	Good	Semi-Mature	25-50	Co-dominant stems; Dieback; Included bark;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
106	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	19	22	2.3	16.33	1.8	10-15	<5	Fair	Good	Juvenile	25-50	Dieback; Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
107	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	24	32	2.9	26.06	2.1	10-15	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
108	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	29	42	3.5	38.05	2.3	20-30	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs < 30mm; Included bark; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
109	<i>Casuarina glauca</i>	Swamp she-oak	Endemic	1	17	22	2.0	13.07	1.8	5-10	<5	Good	Good	Semi-Mature	>50		Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
110	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	24	46	2.9	25.74	2.4	5-10	<5	Good	Poor	Juvenile	5-10	Co-dominant stems; Epicormic growth; Poor pruning; Uncharacteristic form; Weak union(s); Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
111	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	21	45	2.6	20.45	2.4	5-10	<5	Good	Poor	Juvenile	5-10	Co-dominant stems; Epicormic growth; Poor pruning; Uncharacteristic form; Weak union(s); Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Trees current health or structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
112	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	21	22	2.5	19.59	1.8	10-15	<5	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Included bark; Uncharacteristic form; Weak union(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
113	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	65	87	7.8	191.13	3.1	20-30	15-20	Fair	Fair	Mature	15-25	Bird browsing damage; Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Resin exudation/kin; Wound(s);	Significant habitat - nests/hollows; Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
114	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	9	13	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Crossing/rubbing branches; Included bark; Suppressed;			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
115	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	14	18	2.0	12.57	1.6	5-10	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
116	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	20	27	2.4	18.10	1.9	10-15	<5	Good	Fair	Semi-Mature	10-15	Co-dominant stems; Included bark; Parasitic plant/mistletoe; Uncharacteristic form;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
117	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	19	22	2.3	16.33	1.8	10-15	5-10	Good	Fair	Juvenile	10-15	Co-dominant stems; Included bark; Previous failure(s); Suppressed; Uncharacteristic form; Weak union(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
118	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	17	20	2.0	13.07	1.7	10-15	5-10	Good	Fair	Juvenile	10-15	Co-dominant stems; Included bark; Previous failure(s); Suppressed; Uncharacteristic form; Weak union(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
119	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	41	2.7	22.35	2.3	10-15	<5	Good	Fair	Semi-Mature	15-25	Epicormic growth; Suckers; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
120	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	44	2.4	18.10	2.3	5-10	<5	Good	Poor	Semi-Mature	15-25	Co-dominant stems; Included bark; Suckers; Uncharacteristic form;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
121	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	11	16	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
122	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	26	36	3.1	30.58	2.2	10-15	<5	Good	Good	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
123	<i>Corymbia maculata</i>	Spotted Gum	Endemic	3	9	11	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	10-15	Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
124	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	10	13	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
125	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	19	25	2.3	16.33	1.8	10-15	<5	Good	Fair	Juvenile	10-15	Deadwood/stubs > 60mm; Inappropriate location; Included bark; Previous failure(s); Uncharacteristic form; Weak union(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
126	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	14	17	2.0	12.57	1.6	5-10	<5	Good	Fair	Juvenile	10-15	Deadwood/stubs > 60mm; Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
127	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	28	36	3.4	35.47	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
128	<i>Corymbia maculata</i>	Spotted Gum	Endemic	3	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	15-25	Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
129	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	11	19	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	25-50	Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
130	<i>Corymbia maculata</i>	Spotted Gum	Endemic	5	12	14	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
131	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	3	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
132	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	39	46	4.7	68.81	2.4	20-30	5-10	Good	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 60mm; Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
133	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	24	29	2.9	26.06	2.0	10-15	<5	Good	Poor	Semi-Mature	10-15	Decay; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
134	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	16	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	5-10	Co-dominant stems; Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Suppressed; Weak union(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
135	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	15	16	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Co-dominant stems; Deadwood/stubs < 30mm; Dieback; Epicormic growth; Excessive thinning; Suppressed;		Removal;	Within proposed building footprint. No survey mark observed. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
136	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	25	32	3.0	28.27	2.1	20-30	<5	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
137	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	18	21	2.2	14.66	1.7	15-20	<5	Fair	Fair	Semi-Mature	10-15	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
138	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	15	18	2.0	12.57	1.6	15-20	<5	Fair	Fair	Juvenile	10-15	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Previous failure(s); Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
139	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	15	17	2.0	12.57	1.6	5-10	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 60mm; Dieback; Epicormic growth; Excessive thinning; Previous failure(s);	Amenity value/shade;	Removal;	Within proposed building footprint. No survey mark observed. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
140	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	21	24	2.5	19.95	1.8	15-20	5-10	Fair	Fair	Semi-Mature	15-25	Co-dominant stems; Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
141	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	17	2.0	12.57	1.6	5-10	<5	Fair	Poor	Juvenile	5-10	Co-dominant stems; Decay; Dieback; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
142	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	19	21	2.3	16.33	1.7	10-15	<5	Good	Fair	Juvenile	10-15	Epicormic growth; Mechanical damage; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
143	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	16	10	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	10-15	Epicormic growth; Mechanical damage; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
144	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	37	53	4.4	61.93	2.5	20-30	10-15	Good	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 60mm; Wound(s);	Suitable to site conditions; Attractive landscape feature; Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
145	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	13	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Dieback; Epicormic growth; Excessive thinning; Suppressed; Uncharacteristic form;		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
146	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	20	29	2.4	18.10	2.0	20-30	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
147	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	23	27	2.8	23.93	1.9	20-30	5-10	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
148	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	18	2.0	12.57	1.6	5-10	<5	Good	Fair	Juvenile	10-15	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
149	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	14	20	2.0	12.57	1.7	10-15	<5	Good	Good	Juvenile	25-50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
150	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	54	61	6.5	131.92	2.7	20-30	15-20	Good	Fair	Mature	25-50	Co-dominant stems; Deadwood/stubs > 60mm; Suppressed;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
151	Dead Tree	Dead tree		4	12	14	2.0	12.57	1.5	5-10	<5	Dead	Poor	Juvenile	0			Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
152	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	21	24	2.5	19.95	1.8	10-15	<5	Good	Good	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
153	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	8	11	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
154	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
155	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	9	16	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
156	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	28	40	3.4	35.47	2.3	10-15	<5	Fair	Fair	Semi-Mature	10-15	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
157	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	18	22	2.2	15.38	1.8	5-10	<5	Good	Poor	Juvenile	<5	Co-dominant stems; Included bark; Uncharacteristic form; Weak union(s); Wound(s);	Amenity value/shade; Suitable to site conditions;	Removal;	Within proposed building footprint. Structure appears to be regrowth from stump.	U		Remove tree irrespective of future development.
158	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	15	22	2.0	12.57	1.8	5-10	<5	Good	Poor	Juvenile	<5	Co-dominant stems; Included bark; Uncharacteristic form;	Amenity value/shade;	Removal;	Within proposed building footprint. Structure appears to be regrowth from stump.	U		Remove tree irrespective of future development.
159	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	16	19	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	>50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
160	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	30	45	3.6	40.72	2.4	15-20	<5	Good	Good	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
161	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	32	36	3.8	46.32	2.2	15-20	<5	Good	Good	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
162	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	28	3.0	28.27	1.9	10-15	<5	Fair	Good	Semi-Mature	10-15	Dieback; Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
163	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	12	15	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	15-25		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
164	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	15-25		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
165	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	72	93	8.6	234.52	3.2	30-50	10-15	Good	Fair	Mature	25-50	Borers/termites; Deadwood/stubs > 100mm; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint. Good reaction wood surrounds basal defect.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
166	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	41	49	4.9	76.05	2.5	20-30	10-15	Good	Fair	Semi-Mature	25-50	Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
167	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	16	19	2.0	12.57	1.6	15-20	<5	Good	Good	Juvenile	25-50				Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
168	<i>Cinnamomum camphora</i>	Camphor Laurel	Exotic	1	8	9	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50	Undesirable species;	Weed species;	Weed control;	Within proposed building footprint. Species identified as an environmental weed, remove the specimen, undertaking an eradication program of its progeny should be considered. Poison stump when removing.	U		Remove tree irrespective of future development.
169	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	16	19	2.0	12.57	1.6	10-15	<5	Fair	Fair	Juvenile	5-10	Co-dominant stems; Crack(s)/split(s); Hanger(s); Included bark; Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
170	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	18	21	2.2	14.66	1.7	10-15	<5	Good	Good	Juvenile	25-50	Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
171	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	31	38	3.7	43.47	2.2	15-20	10-15	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
172	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	19	23	2.3	16.33	1.8	10-15	<5	Fair	Good	Juvenile	10-15	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
173	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	22	2.4	18.10	1.8	10-15	<5	Good	Good	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
174	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	30	39	3.6	40.72	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
175	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	14	20	2.0	12.57	1.7	5-10	<5	Good	Good	Juvenile	15-25	Suppressed;			Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
176	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	6	8	9	2.0	12.57	1.5	5-10	<5	Good	Good	Young	15-25	Suppressed;	Amenity value/shade;		Within proposed building footprint. Group of young Eucs comprised of E umbra, C. maculata, E punctata all >100mm DBH.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
177	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	12	16	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
178	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
179	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	10	8	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint. Group of small trees consisting of C maculata, E umbra, E punctata all >100mm DBH.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
180	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	12	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	15-25	Poor pruning; Uncharacteristic form; Wound(s);			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
181	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	19	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	25-50				Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
182	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Good	Poor	Juvenile	5-10	Previous failure(s); Uncharacteristic form; Wound(s);			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
183	<i>Corymbia maculata</i>	Spotted Gum	Endemic	5	9	11	2.0	12.57	1.5	5-10	<5	Good	Good	Young	25-50	Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
184	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	23	2.4	18.10	1.8	10-15	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
185	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	20	30	2.4	18.10	2.0	15-20	<5	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
186	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	>50	Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
187	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	31	39	3.7	43.47	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
188	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	10	11	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Included bark;			Within proposed northern driveway footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
189	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	19	2.0	13.07	1.6	10-15	<5	Good	Good	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
190	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	27	31	3.2	32.98	2.0	15-20	5-10	Good	Good	Semi-Mature	>50	Previous failure(s); Resin exudation/kino;	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
191	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	60	88	7.2	163.45	3.1	20-30	10-15	Fair	Poor	Mature	10-15	Borers/termites; Co-dominant stems; Deadwood/stubs > 100mm; Decay; Included bark; Mechanical damage to root(s); Soil grade changes; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m). Active termites.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
192	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	18	2.0	12.57	1.6	10-15	<5	Good	Fair	Juvenile	25-50	Deadwood/stubs > 30mm; Uncharacteristic form; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
193	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	17	21	2.0	13.07	1.7	10-15	<5	Good	Fair	Semi-Mature	15-25		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
194	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	12	14	2.0	12.57	1.5	5-10	<5	Good	Poor	Juvenile	5-10	Deadwood/stubs > 30mm; Epicormic growth; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
195	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	16	19	2.0	12.57	1.6	15-20	5-10	Good	Fair	Semi-Mature	5-10	Crossing/rubbing branches; Inappropriate location; Suppressed; Uncharacteristic form;	Unsuitable to site conditions; Amenity value/shade;	Removal;	Within proposed building footprint. Conflicting with tree #197.	U		Remove tree irrespective of future development.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
196	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	16	19	2.0	12.57	1.6	15-20	<5	Good	Poor	Semi-Mature	<5	Girdling root(s); Heaved root plate; Suppressed; Uncharacteristic form;	Amenity value/shade; Unsuitable to site conditions;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
197	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	72	86	8.6	234.52	3.1	30-50	15-20	Fair	Fair	Mature	15-25	Crossing/rubbing branches; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Excessive end weight; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	End weight reduction; Remove deadwood/stubs > 30mm;	Within proposed building footprint. Sporadic die back throughout canopy, casually unclear.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
198	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	15	18	2.0	12.57	1.6	5-10	<5	Good	Fair	Juvenile	15-25	Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
199	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	12	14	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
200	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	21	2.0	13.07	1.7	10-15	5-10	Good	Good	Juvenile	25-50	Co-dominant stems;	Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
201	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	12	87	2.0	12.57	3.1	5-10	<5	Good	Poor	Juvenile	<5	Epicormic growth; Uncharacteristic form; Weak union(s); Wound(s);		Removal - poor specimen;	Within proposed building footprint. Trees current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
202	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	9	18	2.0	12.57	1.6	5-10	<5	Good	Fair	Juvenile	15-25	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
203	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	2	6	9	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	15-25	Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
204	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	7	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
205	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	8	11	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
206	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	7	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
207	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	9	14	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
208	<i>Casuarina glauca</i>	Swamp she-oak	Endemic	1	7	11	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
209	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	5	7	8	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
210	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	5	7	8	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	10-15	Co-dominant stems; Included bark;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
211	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	13	15	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	>50	Co-dominant stems;			Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
212	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	28	36	3.4	35.47	2.2	20-30	10-15	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
213	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
214	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	2	7	8	2.0	12.57	1.5	5-10	<5	Fair	Fair	Juvenile	10-15	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
215	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	22	2.2	15.29	1.8	10-15	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
216	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	90	110	10.8	366.44	3.4	30-50	15-20	Fair	Poor	Mature	5-10	Borers/termites; Cavity(s); Co-dominant stems; Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Fungal fruiting body(s); Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Significant due to age/size; Particularly old/venerable; Significant habitat nests/hollows; Attractive landscape feature;	Habitat prune; Remove deadwood/stubs > 30mm;	Within proposed building footprint. Specimen entering senescence, habitat stag potential pending location of building and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
217	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	18	26	2.2	15.29	1.9	5-10	<5	Fair	Fair	Juvenile	5-10	Borers/termites; Deadwood/stubs > 60mm; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
218	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	24	2.3	16.33	1.8	10-15	<5	Good	Good	Semi-Mature	15-25		Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
219	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	19	20	2.3	16.33	1.7	10-15	<5	Good	Good	Semi-Mature	15-25		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
220	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	24	2.4	18.10	1.8	15-20	5-10	Fair	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Dieback; Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
221	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	25	30	3.0	28.27	2.0	15-20	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Resin exudation/kino; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
222	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	10	79	2.0	12.57	3.0	5-10	<5	Fair	Poor	Mature	<5	Epicormic growth; Poor pruning; Weak union(s); Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
223	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	8	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
224	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	18	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	15-25	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
225	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	31	38	3.7	43.47	2.2	15-20	10-15	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Crossing/rubbing branches; Deadwood/stubs > 30mm; Hanger(s); Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
226	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	21	28	2.5	19.95	1.9	15-20	5-10	Good	Good	Juvenile	>50	Deadwood/stubs > 30mm; Previous failure(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
227	Dead Tree	Dead tree		1	60	72	7.2	162.86	2.9	20-30	15-20	Dead	Poor	Mature	0	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay;		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
228	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	21	17	2.5	19.95	1.6	10-15	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
229	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	4	9	14	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
230	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	2	6	11	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
231	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	16	20	2.0	12.57	1.7	10-15	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
232	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	73	110	8.8	241.08	3.4	20-30	15-20	Fair	Poor	Mature	10-15	Co-dominant stems; Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Particularly old/venerable; Significant due to age/size;		Within proposed building footprint. Specimen entering senescence with advancing basal wounding.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
233	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	13	17	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	>50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
234	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	16	21	2.0	12.57	1.7	10-15	<5	Good	Good	Juvenile	>50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
235	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	4	6	7	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade;		Within proposed building footprint. Group consists of E umbra ? C. maculata, all >100mm DBH	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
236	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	6	10	2.0	12.57	1.5	<5	<5	Good	Fair	Young	15-25	Hanger(s); Previous failure(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
237	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	7	6	9	2.0	12.57	1.5	5-10	<5	Good	Poor	Young	5-10	Suckers; Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal - poor specimen;	Within proposed building footprint. Group consists of E paniculata ? C. maculata, all >100mm DBH Structure appears to be regrowth from stump.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
238	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	5	7	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
239	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	6	8	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
240	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	21	30	2.5	19.95	2.0	15-20	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
241	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	20	2.2	14.66	1.7	10-15	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
242	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	74	123	8.9	247.73	3.6	20-30	20-30	Good	Poor	Mature	10-15	Bird browsing damage; Borers/termites; Cavity(s); Co-dominant stems; Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Wound(s);	Amenity value/shade; Attractive landscape feature; Particularly old/venerable; Significant habitat - nests/hollows;		Within proposed building footprint. Decay/termite damage developing lower southern trunk. Wound margins lower southern trunk holding, no fungal fruiting bodies observed.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
243	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	20	2.0	12.57	1.7	10-15	5-10	Good	Fair	Juvenile	10-15	Decay; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint. Wound margins receding indicating pathogen presence.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
244	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	19	2.0	13.07	1.6	15-20	5-10	Good	Good	Juvenile	25-50	Suppressed;	Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
245	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	26	2.6	21.90	1.9	15-20	5-10	Good	Fair	Semi-Mature	>50	Co-dominant stems; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
246	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	15-20	5-10	Good	Good	Juvenile	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
247	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	14	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	5-10	Deadwood/stubs > 60mm; Resin exudation/kino; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
248	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	23	26	2.8	23.93	1.9	15-20	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Deadwood/stubs > 30mm; Suppressed; Wound(s);			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m ²)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
249	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	39	45	4.7	68.81	2.4	20-30	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 60mm; Suppressed; Wound(s);			Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
250	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	8	9	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
251	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	2	8	10	2.0	12.57	1.5	5-10	<5	Fair	Fair	Young	10-15	Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
252	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	12	15	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
253	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	14	2.0	12.57	1.5	15-20	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
254	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	8	9	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);		Removal - poor specimen;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
255	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	10-15	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
256	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	28	35	3.4	35.47	2.1	20-30	5-10	Good	Good	Semi-Mature	25-50	Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
257	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	18	21	2.2	14.66	1.7	10-15	<5	Good	Fair	Juvenile	25-50	Deadwood/stubs < 30mm; Previous failure(s); Suppressed;			Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
258	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	6	8	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
259	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	11	14	2.0	12.57	1.5	10-15	<5	Fair	Poor	Juvenile	5-10	Decay; Dieback; Epicormic growth; Suckers; Suppressed; Uncharacteristic form; Weak union(s); Wound(s);	Amenity value/shade;	Removal - poor specimen;	Within proposed building footprint. Structure appears to be regrowth from stump.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
260	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	30	40	3.6	40.72	2.3	20-30	5-10	Good	Good	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
261	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	16	19	2.0	12.57	1.6	5-10	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Excessive thinning; Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
262	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	14	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	10-15	Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
263	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	14	16	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	15-25	Borers/termite(s); Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
264	Dead Tree	Dead tree		1	12	18	2.0	12.57	1.6	5-10	<5	Dead	Poor	Juvenile	0			Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
265	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	24	30	2.9	26.06	2.0	15-20	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
266	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	4	12	14	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Dieback; Excessive thinning; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
267	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	56	80	6.7	141.87	3.0	20-30	5-10	Fair	Poor	Senescent	5-10	Borers/termite(s); Cavity(s); Deadwood/stubs > 100mm; Previous failure(s); Wound(s);	Significant habitat - nests/hollows; Particularly old/venerable;	Habitat prune; Remove deadwood/stubs > 100mm;	Within proposed building footprint. Specimen entering senescence, habitat tag potential pending location of building and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
268	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	6	8	2.0	12.57	1.5	<5	<5	Good	Fair	Young	15-25	Previous failure(s); Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
269	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	5	9	10	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50	Previous failure(s); Wound(s);	Amenity value/shade;		Within initial Fire & Rescue APZ (40m). Group consists of E umbra ? C. maculata, all >100mm DBH	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
270	<i>Allocasuarina sp.</i>	She-oak	Endemic	1	9	11	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Borers/termite(s); Previous failure(s); Suppressed; Wound(s);			Within initial Fire & Rescue APZ (40m).	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
271	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	17	21	2.0	13.07	1.7	5-10	<5	Good	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Suppressed; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
272	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	17	21	2.0	13.07	1.7	5-10	<5	Good	Fair	Juvenile	15-25	Deadwood/stubs > 30mm; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
273	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	4	8	10	2.0	12.57	1.5	5-10	<5	Fair	Poor	Young	<5	Previous failure(s); Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Group consists of E umbra all >100mm DBH. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
274	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	17	19	2.0	13.07	1.6	10-15	5-10	Good	Fair	Juvenile	25-50	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
275	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	37	49	4.4	61.93	2.5	15-20	5-10	Fair	Poor	Mature	5-10	Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);	Significant habitat - nests/hollows;	Habitat prune; Remove deadwood/stubs > 100mm;	Within proposed northern driveway footprint. Specimen entering senescence, habitat tag potential pending location of building and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
276	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	13	17	2.0	12.57	1.6	10-15	5-10	Good	Fair	Juvenile	25-50	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
277	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	12	16	2.0	12.57	1.5	10-15	5-10	Good	Good	Juvenile	25-50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
278	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	60	80	7.2	162.86	3.0	20-30	15-20	Good	Poor	Mature	10-15	Borers/termite(s); Cavity(s); Deadwood/stubs > 100mm; Decay; Epicormic growth; Previous failure(s); Wound(s);	Significant habitat - nests/hollows; Particularly old/venerable;	Formative pruning; Remove deadwood/stubs > 100mm;	Within proposed building footprint. Specimen entering senescence, habitat tag potential pending location of building and usage within fall zone.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
279	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	9	11	2.0	12.57	1.5	5-10	<5	Fair	Fair	Juvenile	5-10	Epicormic growth; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
280	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	20	28	2.4	18.10	1.9	10-15	<5	Good	Fair	Semi-Mature	15-25	Included bark; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
281	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	16	20	2.0	12.57	1.7	10-15	<5	Good	Fair	Semi-Mature	15-25	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
282	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	2	12	12	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
283	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	2	7	8	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
284	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	21	2.2	14.66	1.7	10-15	<5	Good	Fair	Juvenile	25-50	Co-dominant stems; Suppressed;			Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
285	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	13	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Previous failure(s); Suppressed; Wound(s);			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
286	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	24	2.4	18.10	1.8	20-30	<5	Good	Fair	Semi-Mature	25-50	Crossing/rubbing branches; Resin exudation/kin; Suppressed; Wound(s);			Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
287	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	11	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	15-25	Suppressed;			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
288	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Suppressed;			Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
289	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	12	17	2.0	12.57	1.6	5-10	<5	Good	Fair	Juvenile	15-25	Crack(s)/split(s); Resin exudation/kin; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
290	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	21	2.2	14.66	1.7	15-20	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Deadwood/stubs < 30mm; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
291	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	28	2.3	16.33	1.9	20-30	5-10	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
292	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	21	2.0	13.07	1.7	15-20	5-10	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
293	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	13	17	2.0	12.57	1.6	10-15	<5	Fair	Fair	Juvenile	5-10	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
294	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	21	2.0	13.07	1.7	10-15	<5	Good	Good	Juvenile	25-50		Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
295	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	15-25	Epicormic growth; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
296	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	12	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Excessive thinning; Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
297	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	10	12	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
298	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	13	14	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 60mm; Dieback; Epicormic growth; Excessive thinning; Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
299	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	14	2.0	12.57	1.5	15-20	<5	Good	Good	Juvenile	25-50	Epicormic growth;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
300	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	13	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	10-15	Epicormic growth; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
301	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	21	25	2.5	19.95	1.8	20-30	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Hanger(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
302	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	24	2.4	18.10	1.8	10-15	5-10	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
303	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	8	11	2.0	12.57	1.5	5-10	<5	Poor	Fair	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Excessive thinning; Uncharacteristic form;		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
304	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	21	2.3	16.33	1.7	15-20	5-10	Good	Fair	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
305	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	10	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Excessive thinning; Poor pruning; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
306	Dead Tree	Dead tree		1	15	18	2.0	12.57	1.6	10-15	<5	Dead	Poor	Juvenile	0			Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
307	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	13	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	15-25	Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
308	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	5-10	Crossing/rubbing branches; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint. Partly supporting failed tree 314.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
309	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	24	2.6	21.90	1.8	15-20	<5	Fair	Hazardous	Semi-Mature	0	Crack(s)/split(s); Crossing/rubbing branches; Suppressed; Wound(s);		Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
310	<i>Corymbia maculata</i>	Spotted Gum	Endemic	4	10	12	2.0	12.57	1.5	10-15	<5	Fair	Hazardous	Semi-Mature	0	Crack(s)/split(s); Crossing/rubbing branches; Suppressed; Wound(s);		Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
311	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	14	18	2.0	12.57	1.6	15-20	<5	Fair	Fair	Juvenile	15-25	Epicormic growth; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
312	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	16	2.0	12.57	1.5	10-15	<5	Fair	Poor	Juvenile	<5	Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
313	Stump	Stump		1	46	70	5.5	95.73	2.8	5-10	<5	Dead	Poor	Senescent	0		Significant habitat - nests/hollows;		Within proposed building footprint. Habitat stump potential pending location of building and usage within fall zone.	U		Remove tree irrespective of future development.
314	Dead Tree	Dead tree		1	60	80	7.2	162.86	3.0	15-20	15-20	Dead	Hazardous	Senescent	0	Heaved root plate; Previous failure(s);		Removal;	Within proposed building footprint. Root plate has failed, currently supported by neighboring trees.	U		Remove tree irrespective of future development.
315	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	15	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	10-15	Dieback; Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
316	<i>Corymbia maculata</i>	Spotted Gum	Endemic	4	10	12	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Dieback; Epicormic growth; Excessive thinning; Uncharacteristic form;		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
317	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	62	84	7.4	173.90	3.1	20-30	15-20	Good	Fair	Mature	25-50	Borers/termites; Deadwood/stubs > 100mm; Previous failure(s); Suppressed;	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions; Dominant landscape feature;	Remove deadwood/stubs > 100mm;	Within proposed building footprint. Active termites.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
318	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	9	11	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	25-50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
319	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	11	13	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Uncharacteristic form;		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
320	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	82	94	9.8	304.19	3.2	30-50	15-20	Good	Good	Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Resin exudation/kino; Wound(s);	Amenity value/shade; Attractive landscape feature; Dominant landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 100mm;	Within proposed building footprint.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
321	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	25-50	Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
322	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	25-50	Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
323	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	20	2.2	14.66	1.7	15-20	<5	Good	Good	Juvenile	25-50	Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
324	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	11	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	10-15	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Previous failure(s); Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
325	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	13	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	10-15	Crossing/rubbing branches; Deadwood/stubs < 30mm; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Unsuitable to site conditions;	Removal;	Within proposed building footprint. Conflicting with tree #320.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
326	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	10	13	2.0	12.57	1.5	15-20	<5	Fair	Good	Juvenile	10-15	Dieback; Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
327	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	12	2.0	12.57	1.5	15-20	<5	Fair	Fair	Juvenile	5-10	Crossing/rubbing branches; Dieback; Epicormic growth; Suppressed; Uncharacteristic form;	Unsuitable to site conditions; Amenity value/shade;	Removal;	Within proposed building footprint. Conflicting with tree #329.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
328	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	10	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Excessive thinning; Wound(s);	Amenity value/shade; Unsuitable to site conditions;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
329	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	19	23	2.3	16.33	1.8	20-30	<5	Fair	Fair	Juvenile	10-15	Co-dominant stems; Dieback; Epicormic growth; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
330	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	22	33	2.7	22.85	2.1	20-30	<5	Good	Fair	Semi-Mature	15-25	Epicormic growth; Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
331	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	10	12	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Cavity(s); Co-dominant stems; Crack(s)/split(s); Deadwood/stubs > 60mm; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
332	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	22	2.3	16.33	1.8	15-20	<5	Good	Good	Juvenile	25-50		Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
333	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	9	11	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Excessive thinning;		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
334	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	20	2.2	14.66	1.7	15-20	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
335	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	21	2.2	14.66	1.7	15-20	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
336	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	14	2.0	12.57	1.5	15-20	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
337	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	19	2.2	14.66	1.6	15-20	<5	Fair	Fair	Juvenile	15-25	Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
338	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	21	23	2.5	19.95	1.8	20-30	<5	Good	Good	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
339	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	21	2.3	16.33	1.7	20-30	<5	Good	Good	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
340	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	12	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	10-15	Co-dominant stems; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
341	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	27	36	3.2	32.98	2.2	20-30	5-10	Good	Fair	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
342	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	25	29	3.0	28.27	2.0	20-30	5-10	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
343	<i>Corymbia maculata</i>	Spotted Gum	Endemic	4	6	16	2.0	12.57	1.5	5-10	<5	Poor	Fair	Juvenile	<5	Epicormic growth; Poor pruning; Suppressed; Uncharacteristic form;	Amenity value/shade; Within group;	Removal;	Within proposed building footprint. Structure appears to be regrowth from stump.	U		Remove tree irrespective of future development.
344	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	13	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Excessive thinning;		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
345	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	19	2.0	13.07	1.6	10-15	<5	Good	Fair	Juvenile	10-15	Deadwood/stubs < 30mm; Epicormic growth; Previous failure(s); Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
346	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	48	59	5.8	104.23	2.7	20-30	15-20	Good	Good	Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Resin exudation/kino;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
347	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	30	38	3.6	40.72	2.2	15-20	10-15	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Epicormic growth; Hanger(s); Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
348	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	10	13	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	>50	Parasitic plant/mistletoe;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
349	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	8	9	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50	Parasitic plant/mistletoe;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
350	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	28	2.6	21.90	1.9	10-15	<5	Poor	Poor	Semi-Mature	<5	Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);	Unsuitable to site conditions;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
351	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	34	2.6	21.90	2.1	15-20	5-10	Good	Good	Semi-Mature	25-50	Included bark; Resin exudation/kin;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
352	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	8	9	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50	Dieback; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
353	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	10	11	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	10-15	Dieback; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
354	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	22	2.3	16.33	1.8	20-30	<5	Good	Good	Juvenile	15-25		Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
355	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	19	24	2.3	16.33	1.8	15-20	5-10	Good	Poor	Juvenile	5-10	Borers/termites; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
356	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	11	13	2.0	12.57	1.5	5-10	<5	Poor	Poor	Young	<5	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Uncharacteristic form;		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
357	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	24	2.4	18.10	1.8	15-20	5-10	Good	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
358	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	25	2.0	12.57	1.8	10-15	<5	Good	Poor	Juvenile	5-10	Poor pruning; Suppressed; Uncharacteristic form; Weak union(s); Wound(s);		Removal;	Within proposed building footprint. Sucker regrowth from previously removed tree.	U		Remove tree irrespective of future development.
359	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	24	2.2	14.66	1.8	10-15	<5	Good	Poor	Juvenile	5-10	Poor pruning; Suppressed; Uncharacteristic form; Weak union(s); Wound(s);		Removal;	Within proposed building footprint. Sucker regrowth from previously removed tree.	U		Remove tree irrespective of future development.
360	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	17	18	2.0	13.07	1.6	5-10	<5	Good	Fair	Juvenile	5-10	Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
361	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	14	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
362	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	9	12	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
363	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	6	8	2.0	12.57	1.5	5-10	<5	Good	Good	Young	25-50	Suppressed;			Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
364	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	16	2.0	12.57	1.5	10-15	<5	Good	Fair	Young	15-25	Deadwood/stubs > 30mm; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
365	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	12	2.0	12.57	1.5	<5	<5	Fair	Poor	Young	<5	Co-dominant stems; Deadwood/stubs > 30mm; Dieback; Excessive thinning; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
366	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	55	80	6.6	136.85	3.0	20-30	10-15	Good	Poor	Mature	5-10	Cavity(s); Deadwood/stubs > 60mm; Decay; Previous failure(s); Wound(s);	Amenity value/shade;		Within proposed building footprint. Limited reaction growth surrounding basal cavity with advancing decay.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
367	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	15	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	10-15	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
368	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	6	7	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	<5	Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
369	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	24	2.0	13.03	1.8	15-20	<5	Good	Poor	Semi-Mature	<5	Co-dominant stems; Crossing/rubbing branches; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
370	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	16	2.0	12.57	1.5	10-15	<5	Fair	Poor	Juvenile	5-10	Cavity(s); Deadwood/stubs < 30mm; Decay; Dieback; Epicormic growth; Suppressed; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
371	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	7	9	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
372	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	14	12	2.0	12.57	1.5	5-10	<5	Fair	Poor	Young	<5	Borers/termites; Cavity(s); Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
373	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	11	2.0	12.57	1.5	5-10	<5	Fair	Poor	Young	<5	Borers/termites; Cavity(s); Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
374	Dead Tree	Dead tree		2	8	9	2.0	12.57	1.5	5-10	<5	Dead	Poor	Juvenile	0			Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
375	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	11	2.0	12.57	1.5	5-10	<5	Good	Poor	Semi-Mature	<5	Co-dominant stems; Crossing/rubbing branches; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
376	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	12	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	5-10	Co-dominant stems; Deadwood/stubs > 30mm; Epicormic growth; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
377	<i>Corymbia maculata</i>	Spotted Gum	Endemic	3	6	11	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	5-10	Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
378	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	18	22	2.2	14.66	1.8	10-15	5-10	Fair	Fair	Juvenile	10-15	Co-dominant stems; Dieback; Epicormic growth; Included bark; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
379	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	18	21	2.2	14.66	1.7	10-15	5-10	Fair	Fair	Juvenile	10-15	Co-dominant stems; Dieback; Epicormic growth; Included bark; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
380	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	14	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Co-dominant stems; Crossing/rubbing branches; Deadwood/stubs > 30mm; Dieback; Excessive thinning; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
381	Dead Tree	Dead tree		1	60	70	7.2	162.86	2.8	20-30	10-15	Dead	Poor	Mature	0			Removal;	Within proposed building footprint. Dead tree.	U		Remove tree irrespective of future development.
382	Dead Tree	Dead tree		1	40	55	4.8	72.38	2.6	20-30	10-15	Dead	Poor	Mature	0			Removal;	Within proposed building footprint. Dead tree.	U		Remove tree irrespective of future development.
383	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	27	34	3.2	32.98	2.1	20-30	10-15	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
384	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	8	0	2.0	12.57		5-10	<5	Good	Poor	Semi-Mature	<5	Co-dominant stems; Crossing/rubbing branches; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
385	Dead Tree	Dead tree		2	10	11	2.0	12.57	1.5	5-10	<5	Dead	Poor	Mature	0			Removal;	Within proposed building footprint. No survey mark observed. Dead tree.	U		Remove tree irrespective of future development.
386	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	14	2.0	12.57	1.5	15-20	<5	Good	Fair	Juvenile	10-15	Co-dominant stems; Deadwood/stubs < 30mm; Epicormic growth; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
387	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	27	34	3.2	32.98	2.1	20-30	10-15	Good	Good	Semi-Mature	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
388	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	9	10	2.0	12.57	1.5	5-10	<5	Good	Poor	Juvenile	5-10	Epicormic growth; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Structure appears to be regrowth from stump.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
389	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	9	12	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	5-10	Deadwood/stubs > 30mm; Epicormic growth; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
390	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	####	23			1.8	20-30	5-10	Fair	Fair	Juvenile	10-15	Deadwood/stubs > 60mm; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
391	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	17	2.0	12.57	1.6	10-15	<5	Fair	Fair	Juvenile	10-15	Dieback; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
392	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	14	17	2.0	12.57	1.6	10-15	<5	Fair	Fair	Juvenile	10-15	Dieback; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
393	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	12	15	2.0	12.57	1.5	10-15	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
394	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	14	2.0	12.57	1.5	10-15	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
395	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	7	9	2.0	12.57	1.5	10-15	<5	Good	Poor	Young	5-10	Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
396	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	38	45	4.6	65.33	2.4	20-30	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Previous failure(s); Wound(s);	Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
397	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	24	2.2	14.66	1.8	15-20	5-10	Good	Good	Semi-Mature	15-25	Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
398	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	16	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
399	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	10	13	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	<5	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Tree's current health or structure will not support long-term retention.	U		Remove tree irrespective of future development.
400	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	22	2.2	14.66	1.8	15-20	5-10	Fair	Good	Juvenile	25-50	Deadwood/stubs < 30mm; Dieback; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
401	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	13	18	2.0	12.57	1.6	5-10	<5	Fair	Poor	Juvenile	5-10	Deadwood/stubs > 30mm; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
402	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	22	2.0	13.07	1.8	15-20	<5	Fair	Good	Juvenile	25-50	Deadwood/stubs < 30mm; Dieback; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
403	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	17	20	2.0	13.07	1.7	10-15	<5	Fair	Fair	Juvenile	15-25	Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
404	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	17	2.0	12.57	1.6	10-15	<5	Fair	Fair	Juvenile	15-25	Deadwood/stubs < 30mm; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
405	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	11	14	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	25-50	Resin exudation/kino;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
406	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	14	17	2.0	12.57	1.6	10-15	<5	Fair	Fair	Juvenile	10-15	Deadwood/stubs > 30mm; Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. No survey mark observed. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
407	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	13	15	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	<5	Crack(s)/split(s); Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. No survey mark observed. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
408	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	18	21	2.2	14.66	1.7	10-15	<5	Good	Fair	Juvenile	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
409	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	33	45	4.0	49.27	2.4	15-20	5-10	Good	Good	Semi-Mature	>50	Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
410	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	17	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	25-50	Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
411	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	24	29	2.9	26.06	2.0	10-15	<5	Good	Good	Juvenile	25-50	Deadwood/stubs < 30mm; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
412	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	11	16	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	5-10	Epicormic growth; Weak union(s); Wound(s);	Amenity value/shade;	Removal - poor specimen;	Within proposed building footprint. No survey mark observed. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
413	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	19	2.0	12.57	1.6	5-10	<5	Fair	Fair	Juvenile	15-25	Epicormic growth; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
414	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	17	22	2.0	13.07	1.8	10-15	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Excessive thinning; Wound(s);		Removal;	Within proposed building footprint. No survey mark observed. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
415	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	65	85	7.8	191.13	3.1	20-30	10-15	Fair	Fair	Mature	25-50	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
416	Dead Tree	Dead tree		5	10	16	2.0	12.57	1.5	5-10	<5	Dead	Poor	Juvenile	0	Co-dominant stems; Deadwood/stubs > 100mm;		Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
417	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	66	79	7.9	197.06	3.0	20-30	15-20	Fair	Good	Mature	25-50	Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint. Live canopy is at 40-50% density.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
418	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	19	23	2.3	16.33	1.8	10-15	5-10	Fair	Poor	Juvenile	5-10	Deadwood/stubs > 30mm; Resin exudation/kino; Suppressed; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
419	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	15	19	2.0	12.57	1.6	10-15	5-10	Good	Good	Juvenile	25-50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
420	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	9	11	2.0	12.57	1.5	5-10	<5	Poor	Fair	Juvenile	<5	Deadwood/stubs > 30mm; Decay; Uncharacteristic form;		Removal - poor specimen;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
421	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	15	19	2.0	12.57	1.6	10-15	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 100mm; Epicormic growth;		Removal - poor specimen;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
422	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	27	31	3.2	32.98	2.0	15-20	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
423	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	30	38	3.6	40.72	2.2	15-20	10-15	Fair	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Dieback; Previous failure(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
424	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	47	53	5.6	99.93	2.5	20-30	10-15	Good	Good	Semi-Mature	>50	Co-dominant stems; Deadwood/stubs > 100mm; Previous failure(s);	Attractive landscape feature; Significant due to age/size; Suitable to site conditions; Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
425	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	2	6	8	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
426	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	27	33	3.2	32.98	2.1	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
427	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	12	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Deadwood/stubs < 30mm; Resin exudation/kino; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
428	Dead Tree	Dead tree		1	14	18	2.0	12.57	1.6	10-15	<5	Dead	Poor	Juvenile	0	Deadwood/stubs > 60mm; Wound(s);		Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
429	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	24	35	2.9	26.06	2.1	15-20	5-10	Fair	Poor	Semi-Mature	5-10	Deadwood/stubs > 30mm; Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
430	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	10	12	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
431	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	93	112	11.2	391.27	3.5	20-30	15-20	Fair	Fair	Mature	15-25	Co-dominant stems; Deadwood/stubs > 100mm; Decay; Epicormic growth; Fungal fruiting body(s); Hanger(s); Included bark; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Attractive landscape feature; Significant due to age/size;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
432	Dead Tree	Dead tree		1	15	20	2.0	12.57	1.7	10-15	<5	Dead	Poor	Juvenile	0	Deadwood/stubs > 100mm; Suppressed; Wound(s);		Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
433	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	25	2.4	18.10	1.8	15-20	5-10	Good	Good	Juvenile	25-50	Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
434	<i>Corymbia maculata</i>	Spotted Gum	Endemic	3	9	12	2.0	12.57	1.5	5-10	<5	Good	Good	Young	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
435	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	9	20	2.0	12.57	1.7	10-15	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade;	Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
436	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	38	2.6	21.90	2.2	15-20	5-10	Good	Good	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
437	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	20	2.0	12.57	1.7	10-15	5-10	Good	Fair	Juvenile	25-50	Co-dominant stems; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
438	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	22	2.3	16.33	1.8	15-20	5-10	Good	Good	Juvenile	>50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
439	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	25	29	3.0	28.27	2.0	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
440	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	7	11	14	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
441	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	51	61	6.1	117.67	2.7	20-30	15-20	Good	Fair	Mature	25-50	Bird browsing damage; Cavity(s); Co-dominant stems; Deadwood/stubs > 60mm; Decay; Previous failure(s); Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size; Significant habitat - nests/hollows; Active nesting by fauna;	Remove deadwood/stubs > 30mm;	Within proposed building footprint. Good response growth at trunk cavity with bird browsing damage. Cavity at mid trunk on east side. No fungal fruiting bodies or signs of significant decay were observed.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
442	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	44	55	5.3	87.58	2.6	15-20	10-15	Good	Fair	Mature	25-50	Deadwood/stubs > 30mm; Hanger(s); Suppressed; Uncharacteristic form;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
443	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	49	55	5.9	108.62	2.6	15-20	10-15	Good	Poor	Mature	10-15	Deadwood/stubs < 30mm; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
444	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	54	62	6.5	131.92	2.7	20-30	10-15	Good	Fair	Mature	15-25	Deadwood/stubs > 100mm; Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
445	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	49	63	5.9	108.62	2.7	20-30	10-15	Fair	Poor	Mature	5-10	Borers/termites; Cavity(s); Deadwood/stubs > 30mm; Decay; Heaved root plate; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Significant habitat - nests/hollows; Significant due to age/size;	Habitat prune;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
446	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	21	2.0	12.57	1.7	15-20	<5	Good	Good	Juvenile	>50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
447	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	27	2.0	13.07	1.9	15-20	<5	Good	Fair	Juvenile	25-50	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
448	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	60	81	7.2	162.86	3.0	10-15	<5	Fair	Poor	Mature	<5	Bird browsing damage; Crack(s)/split(s); Decay; Epicormic growth; Poor pruning; Wound(s);	Amenity value/shade; Significant habitat - nests/hollows; Active feeding by fauna;	Removal;	Within proposed building footprint. Senescent specimen with habitat value. Tree may be retainable depending on building location and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
449	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	16	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	>50	Previous failure(s);	Suitable to site conditions; Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
450	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	23	2.4	18.10	1.8	15-20	<5	Good	Good	Juvenile	>50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
451	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	23	2.0	13.07	1.8	10-15	<5	Good	Fair	Juvenile	15-25	Deadwood/stubs < 30mm; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
452	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	33	46	4.0	49.27	2.4	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Resin exudation/kino;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
453	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	14	17	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	15-25	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
454	<i>Corymbia maculata</i>	Spotted Gum	Endemic	3	11	13	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
455	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	8	12	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
456	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	35	53	4.2	55.42	2.5	15-20	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
457	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	6	9	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
458	Dead Tree	Dead tree		1	55	72	6.6	136.85	2.9	10-15	5-10	Dead	Poor	Mature	<5	Cavity(s); Crack(s)/split(s); Decay; Wound(s);	Amenity value/shade; Suitable to site conditions;	Removal;	Within proposed building footprint. Specimen with habitat value has limited longevity. Tree may be retainable depending on building location and usage within fall zone.	U		Remove tree irrespective of future development.
459	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	9	12	2.0	12.57	1.5	5-10	<5	Fair	Fair	Juvenile	25-50	Deadwood/stubs > 30mm; Dieback; Epicormic growth;	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
460	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	10	16	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
461	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	17	2.0	12.57	1.6	10-15	<5	Fair	Poor	Juvenile	5-10	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
462	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	20	2.0	13.07	1.7	10-15	5-10	Good	Fair	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
463	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	8	13	2.0	12.57	1.5	5-10	<5	Good	Good	Young	25-50	Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
464	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	8	13	2.0	12.57	1.5	5-10	<5	Good	Good	Young	25-50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
465	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	18	24	2.2	14.66	1.8	5-10	<5	Poor	Poor	Juvenile	0	Previous failure(s); Uncharacteristic form; Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
466	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	2	13	15	2.0	12.57	1.5	5-10	<5	Poor	Poor	Juvenile	0	Dieback; Excessive thinning; Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
467	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	29	34	3.5	38.05	2.1	20-30	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
468	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	6	10	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
469	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	10	15	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
470	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	19	22	2.3	16.33	1.8	10-15	<5	Fair	Poor	Juvenile	5-10	Decay; Dieback; Previous failure(s); Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
471	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	14	2.0	12.57	1.5	10-15	<5	Good	Fair	Juvenile	10-15	Crossing/rubbing branches;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
472	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	22	2.2	14.66	1.8	15-20	5-10	Good	Fair	Juvenile	25-50	Crossing/rubbing branches; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
473	Dead Tree	Dead tree		1	13	19	2.0	12.57	1.6	10-15	<5	Dead	Fair	Juvenile	0	Deadwood/stubs > 100mm; Wound(s);		Removal;	Within proposed building footprint.	U		Remove tree irrespective of future development.
474	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	16	32	2.0	12.57	2.1	10-15	<5	Dead	Fair	Juvenile	0	Deadwood/stubs > 100mm; Epicormic growth; Wound(s);		Removal;	Within proposed building footprint. Tree has almost entirely died, except for basal regrowth.	U		Remove tree irrespective of future development.
475	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	4	7	10	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	10-15	Deadwood/stubs < 30mm; Dieback; Resin exudation/kino;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
476	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	35	45	4.2	55.42	2.4	20-30	10-15	Fair	Good	Semi-Mature	25-50	Crack(s)/split(s); Dieback; Epicormic growth; Previous failure(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
477	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	14	18	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	>50	Co-dominant stems; Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
478	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	15	21	2.0	12.57	1.7	5-10	<5	Poor	Poor	Juvenile	0	Epicormic growth; Previous failure(s); Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
479	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	18	2.0	12.57	1.6	5-10	<5	Fair	Poor	Juvenile	<5	Borers/termites; Decay; Epicormic growth; Previous failure(s); Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
480	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	46	58	5.5	95.73	2.6	20-30	10-15	Good	Fair	Semi-Mature	25-50	Bird browsing damage; Cavity(s); Deadwood/stubs > 30mm; Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Significant habitat - nests/hollows; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
481	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	10	19	2.0	12.57	1.6	5-10	<5	Poor	Poor	Juvenile	<5	Borers/termites; Deadwood/stubs > 30mm; Dieback; Epicormic growth; Excessive thinning; Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
482	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	20	25	2.4	18.10	1.8	10-15	5-10	Fair	Fair	Juvenile	15-25	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
483	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	34	45	4.1	52.30	2.4	20-30	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
484	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	19	23	2.3	16.33	1.8	15-20	<5	Fair	Good	Juvenile	25-50	Deadwood/stubs < 30mm; Dieback; Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
485	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	2	15	21	2.0	12.57	1.7	10-15	<5	Poor	Fair	Juvenile	<5	Deadwood/stubs > 100mm; Epicormic growth; Excessive thinning;		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
486	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	14	2.0	12.57	1.5	10-15	<5	Fair	Good	Juvenile	25-50	Deadwood/stubs < 30mm; Suppressed;	Amenity value/shade;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
487	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	19	25	2.3	16.33	1.8	15-20	10-15	Fair	Poor	Juvenile	5-10	Borers/termites; Deadwood/stubs > 30mm; Dieback; Wound(s);		Removal;	Within proposed building footprint. Health and structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
488	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	57	101	6.8	146.98	3.3	15-20	10-15	Poor	Fair	Mature	10-15	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Significant habitat - nests/hollows; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint. Specimen with habitat value has limited longevity. Tree may be retainable depending on building location and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
489	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	14	18	2.0	12.57	1.6	10-15	<5	Good	Good	Juvenile	>50	Deadwood/stubs < 30mm; Dieback; Epicormic growth;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
490	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	38	49	4.6	65.33	2.5	20-30	15-20	Fair	Fair	Semi-Mature	15-25	Dieback(s)/split(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove selective branches;	Within proposed northern driveway footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
491	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	18	23	2.2	14.66	1.8	15-20	<5	Fair	Fair	Semi-Mature	10-15	Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
492	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	16	2.0	12.57	1.5	10-15	<5	Fair	Fair	Semi-Mature	15-25	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Uncharacteristic form;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
493	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	15	5	8	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint. Group includes various young / juvenile Eucalyptus and Corymbia.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
494	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	16	20	2.0	12.57	1.7	15-20	5-10	Good	Good	Juvenile	>50	Deadwood/stubs < 30mm; Dieback;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
495	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	16	20	2.0	12.57	1.7	10-15	5-10	Poor	Fair	Juvenile	<5	Deadwood/stubs > 100mm; Epicormic growth;		Removal;	Within proposed northern driveway footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
496	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	47	65	5.6	99.93	2.8	20-30	15-20	Fair	Good	Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
497	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	16	19	2.0	12.57	1.6	10-15	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 100mm; Epicormic growth; Wound(s);		Removal;	Within proposed northern driveway footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
498	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	19	2.0	12.57	1.6	10-15	<5	Good	Fair	Juvenile	25-50	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
499	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	14	19	2.0	12.57	1.6	10-15	<5	Poor	Poor	Juvenile	<5	Deadwood/stubs > 100mm; Epicormic growth; Wound(s);		Removal;	Within proposed northern driveway footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
500	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	28	35	3.4	35.47	2.1	15-20	5-10	Fair	Fair	Semi-Mature	15-25	Borers/termites; Co-dominant stems; Deadwood/stubs > 30mm; Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
501	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	34	3.0	28.27	2.1	15-20	5-10	Poor	Poor	Semi-Mature	0	Borers/termites; Hanger(s); Previous failure(s); Wound(s);		Removal;	Within proposed northern driveway footprint. Trunk failure at 3-4m.	U		Remove tree irrespective of future development.
502	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	34	43	4.1	52.30	2.3	20-30	5-10	Good	Fair	Semi-Mature	15-25	Deadwood/stubs > 30mm; Epicormic growth; Resin exudation/kin; Uncharacteristic form;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
503	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	2	6	8	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
504	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	9	14	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
505	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	15	20	2.0	12.57	1.7	10-15	<5	Fair	Good	Juvenile	25-50	Dieback; Epicormic growth;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
506	Dead Tree	Dead tree		1	53	80	6.4	127.08	3.0	15-20	10-15	Dead	Poor	Mature	<5	Borers/termites; Deadwood/stubs > 100mm; Wound(s);	Significant habitat - nests/hollows;	Removal;	Within proposed northern driveway footprint. Senescent specimen with habitat value. Tree may be retainable depending on building location and usage within fall	U		Remove tree irrespective of future development.
507	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	24	27	2.9	26.06	1.9	10-15	5-10	Fair	Fair	Semi-Mature	10-15	Borers/termites; Deadwood/stubs > 30mm; Previous failure(s); Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
508	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	12	16	2.0	12.57	1.5	5-10	<5	Fair	Poor	Juvenile	5-10	Borers/termites; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade;	Removal;	Within proposed northern driveway footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
509	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	18	21	2.2	14.66	1.7	10-15	<5	Good	Fair	Juvenile	25-50	Borers/termites; Suppressed; Wound(s);	Amenity value/shade;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
510	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	10	14	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Borers/termites; Wound(s);	Amenity value/shade;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
511	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	8	10	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	>50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
512	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	17	23	2.0	13.07	1.8	15-20	5-10	Fair	Poor	Juvenile	5-10	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade;	Removal;	Within proposed northern driveway footprint. Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
513	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	10	5	8	2.0	12.57	1.5	5-10	<5	Good	Good	Young	>50		Amenity value/shade;		Within proposed northern driveway footprint.	C	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
514	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	12	13	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	25-50	Resin exudation/kin; Wound(s);	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
515	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	14	18	2.0	12.57	1.6	10-15	5-10	Good	Good	Juvenile	>50	Deadwood/stubs < 30mm; Epicormic growth;	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
516	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	18	20	2.2	14.66	1.7	10-15	<5	Fair	Fair	Juvenile	15-25	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
517	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	16	24	2.0	12.57	1.8	10-15	<5	Good	Fair	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
518	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	9	12	2.0	12.57	1.5	5-10	<5	Fair	Fair	Juvenile	10-15	Previous failure(s); Resin exudation/kin; Suppressed; Wound(s);	Amenity value/shade;		Within initial Fire & Rescue APZ (40m).	C	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
519	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	32	40	3.8	46.32	2.3	10-15	<5	Dead	Fair	Semi-Mature	0	Deadwood/stubs > 100mm;		Removal;	Within initial Fire & Rescue APZ (40m).	U		Remove tree irrespective of future development.
520	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	11	14	2.0	12.57	1.5	10-15	<5	Fair	Fair	Juvenile	15-25	Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
521	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	18	23	2.2	14.66	1.8	15-20	<5	Good	Good	Juvenile	>50		Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
522	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	13	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Wound(s);	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
523	<i>Corymbia maculata</i>	Spotted Gum	Endemic	2	7	10	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	25-50	Wound(s);	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
524	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	20	26	2.4	18.10	1.9	10-15	5-10	Good	Good	Juvenile	25-50	Previous failure(s);	Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
525	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	63	86	7.6	179.55	3.1	20-30	15-20	Fair	Fair	Mature	15-25	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
526	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	48	67	5.8	104.23	2.8	15-20	10-15	Fair	Fair	Mature	10-15	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint. Arboreal termite nest.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
527	<i>Corymbia gumifera</i>	Red Bloodwood	Endemic	1	12	15	2.0	12.57	1.5	10-15	<5	Good	Good	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
528	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	48	63	5.8	104.23	2.7	20-30	15-20	Fair	Fair	Semi-Mature	15-25	Bird browsing damage; Borers/termites; Deadwood/stubs > 100mm; Previous failure(s); Resin exudation/kin; Wound(s);	Amenity value/shade; Significant habitat - nests/hollows; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
529	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	40	60	4.8	72.38	2.7	10-15	5-10	Fair	Poor	Semi-Mature	5-10	Borers/termites; Cavity(s); Dieback; Epicormic growth; Hanger(s); Previous failure(s); Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed building footprint. Health and structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
530	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	59	71	7.1	157.48	2.9	15-20	10-15	Good	Fair	Mature	25-50	Deadwood/stubs > 100mm; Previous failure(s); Suppressed; Wound(s);	Attractive landscape feature; Suitable to site conditions; Amenitly value/shade;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
531	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	54	74	6.5	131.92	2.9	20-30	10-15	Fair	Good	Mature	25-50	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
532	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	33	46	4.0	49.27	2.4	20-30	5-10	Good	Good	Semi-Mature	>50	Co-dominant stems; Deadwood/stubs > 60mm;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
533	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	32	44	3.8	46.32	2.3	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Dieback; Suppressed;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
534	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	51	70	6.1	117.67	2.8	15-20	5-10	Fair	Poor	Semi-Mature	5-10	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Hanger(s); Suppressed; Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant habitat - nests/hollows;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed northern driveway footprint. Senescent specimen with habitat value. Tree may be retainable depending on building location and usage within fall	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
535	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	58	78	7.0	152.18	3.0	20-30	15-20	Good	Fair	Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Epicormic growth; Hanger(s); Included bark; Previous failure(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within proposed northern driveway footprint. Unions appear long-established and inactive (no exudate, cracking or crown separation).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
536	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	36	45	4.3	58.63	2.4	15-20	5-10	Fair	Fair	Semi-Mature	15-25	Borers/termites; Deadwood/stubs > 30mm; Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
537	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	52	67	6.2	122.33	2.8	15-20	10-15	Fair	Fair	Mature	15-25	Borers/termites; Deadwood/stubs > 30mm; Dieback; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
538	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	51	64	6.1	115.81	2.7	20-30	15-20	Good	Good	Semi-Mature	>50	Bird browsing damage; Deadwood/stubs > 60mm; Dieback; Epicormic growth; Resin exudation/kin; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions; Dominant landscape feature;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements.	A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
539	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	63	86	7.6	179.55	3.1	20-30	15-20	Fair	Fair	Mature	15-25	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements. Arboreal termite nest.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
540	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	60	75	7.2	162.86	2.9	20-30	15-20	Good	Fair	Mature	25-50	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Hanger(s); Previous failure(s); Resin exudation/kin; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions; Significant habitat - nests/hollows;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Retain any hollow deadwood that might be used as habitat.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
541	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	66	86	8.0	199.87	3.1	20-30	15-20	Good	Fair	Mature	25-50	Borers/termites; Cavity(s); Co-dominant stems; Deadwood/stubs > 100mm; Hanger(s); Previous failure(s); Resin exudation/kin; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions; Significant habitat - nests/hollows; Active nesting by fauna;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Retain any hollow deadwood that might be used as habitat.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
542	<i>Eucalyptus piperta</i>	Sydney Peppermint	Endemic	1	40	51	4.8	72.38	2.5	15-20	5-10	Fair	Poor	Semi-Mature	15-25	Borers/termites; Cavity(s); Deadwood/stubs > 60mm; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
543	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	57	76	6.8	146.98	2.9	15-20	10-15	Good	Fair	Mature	25-50	Crack(s)/split(s); Deadwood/stubs > 30mm; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
544	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	78	86	9.4	275.23	3.1	20-30	15-20	Fair	Fair	Mature	15-25	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size; Significant habitat - nests/hollows;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements. Possible cavity in upper central crown.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
545	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	40	64	4.8	72.38	2.7	20-30	10-15	Good	Poor	Semi-Mature	15-25	Cavity(s); Co-dominant stems; Deadwood/stubs > 60mm; Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Suitable to site conditions;		Potential for retention based on final design, levels & APZ requirements. Basal cavity due to fire damage.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
546	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	37	50	4.4	61.93	2.5	15-20	10-15	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Dieback; Epicormic growth;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
547	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	42	52	5.0	79.80	2.5	20-30	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Resin exudation/kinio;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
548	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	68	82	8.2	209.18	3.0	20-30	20-30	Good	Good	Mature	>50	Deadwood/stubs > 100mm; Previous failure(s); Resin exudation/kinio; Suppressed;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Significant due to age/size; Dominant landscape feature.	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements. Retain any hollow deadwood that might be used as habitat.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
549	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	80	102	9.6	289.53	3.3	30-50	20-30	Good	Good	Mature	>50	Borers/termites; Deadwood/stubs > 100mm;	Amenity value/shade; Attractive landscape feature; Dominant landscape feature; Outstanding example of species; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Potential for retention based on final design, levels & APZ requirements. Arboreal termites in deadwood.	A	12	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
550	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	71	85	8.5	228.05	3.1	20-30	15-20	Fair	Good	Mature	25-50	Co-dominant stems; Deadwood/stubs > 60mm; Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
551	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	56	67	6.7	141.87	2.8	20-30	10-15	Good	Fair	Mature	25-50	Cavity(s); Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Resin exudation/kinio; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant habitat - nests/hollows; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint. Retain any hollow deadwood that might be used as habitat.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
552	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	46	59	5.5	95.73	2.7	15-20	10-15	Fair	Fair	Semi-Mature	10-15	Borers/termites; Deadwood/stubs > 60mm; Suppressed; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant habitat - nests/hollows; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Termites appear to be an arboreal species. Arboreal termite mud nests are built by the species Nasutitermes walkeri and Microtermes turneri.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
553	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	26	33	3.1	30.58	2.1	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Wound(s);	Suitable to site conditions; Amenity value/shade;		Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
554	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	26	32	3.1	30.58	2.1	15-20	5-10	Fair	Good	Semi-Mature	25-50	Deadwood/stubs > 60mm; Dieback; Suppressed;	Suitable to site conditions; Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
555	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	59	71	7.1	157.48	2.9	15-20	5-10	Good	Fair	Mature	15-25	Cavity(s); Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Resin exudation/kinio; Wound(s);	Suitable to site conditions; Amenity value/shade; Significant due to age/size; Attractive landscape feature; Significant habitat - nests/hollows;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m). Retain any hollow deadwood that might serve as habitat.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
556	Dead Tree	Dead tree		1	43	56	5.2	83.65	2.6	10-15	<5	Dead	Poor	Semi-Mature	0	Cavity(s); Deadwood/stubs > 100mm; Decay; Fungal fruiting body(s);	Significant habitat - nests/hollows;	Removal;	Within initial Fire & Rescue APZ (40m). Specimen with habitat value has limited longevity. Tree may be retainable depending on building location and usage within fall zone.	U		Remove tree irrespective of future development.
557	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	41	52	4.9	76.05	2.5	15-20	10-15	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
558	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	54	63	6.5	131.92	2.7	20-30	10-15	Good	Good	Mature	>50	Deadwood/stubs > 60mm; Dieback;	Amenity value/shade; Suitable to site conditions; Attractive landscape feature;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
559	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	57	71	6.8	146.98	2.9	20-30	15-20	Good	Good	Mature	>50	Deadwood/stubs > 30mm; Dieback;	Amenity value/shade; Suitable to site conditions; Attractive landscape feature;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
560	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	25	33	3.0	28.27	2.1	15-20	<5	Good	Good	Semi-Mature	25-50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
561	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	25	31	3.0	28.27	2.0	15-20	5-10	Good	Fair	Semi-Mature	25-50	Suppressed; Uncharacteristic form;	Amenity value/shade; Suitable to site conditions;		Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
562	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	46	64	5.5	95.73	2.7	20-30	10-15	Fair	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
563	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	35	43	4.2	55.42	2.3	20-30	5-10	Good	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
564	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	58	70	7.0	152.18	2.8	20-30	15-20	Good	Good	Mature	>50	Deadwood/stubs > 60mm; Previous failure(s); Resin exudation/kinio;	Suitable to site conditions; Amenity value/shade; Attractive landscape feature; Significant due to age/size;	Remove deadwood/stubs > 30mm;	Within proposed building footprint.	A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
565	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	45	54	5.4	91.61	2.6	15-20	10-15	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Suppressed; Wound(s);	Suitable to site conditions; Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
566	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	25	30	3.0	28.27	2.0	10-15	<5	Poor	Poor	Semi-Mature	<5	Borers/termites; Deadwood/stubs > 100mm; Decay; Epicormic growth; Suppressed; Wound(s);		Removal;	Within initial Fire & Rescue APZ (40m). Health and structure will not support long-term retention.	U		Remove tree irrespective of future development.
567	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	49	59	5.9	108.82	2.7	15-20	10-15	Fair	Good	Semi-Mature	25-50	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
568	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	29	34	3.5	38.05	2.1	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
569	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	57	75	6.8	146.98	2.9	20-30	10-15	Fair	Good	Mature	25-50	Deadwood/stubs > 60mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
570	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	59	68	7.1	157.48	2.8	15-20	10-15	Fair	Poor	Semi-Mature	5-10	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
571	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	61	69	7.3	168.33	2.8	20-30	10-15	Fair	Fair	Semi-Mature	25-50	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
572	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	29	44	3.5	38.05	2.3	15-20	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Previous failure(s); Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
573	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	36	42	4.3	58.63	2.3	15-20	5-10	Good	Excellent	Semi-Mature	>50	Deadwood/stubs < 30mm;	Attractive landscape feature; Amenity value/shade; Suitable to site conditions;		Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
574	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	73	87	8.8	241.08	3.1	20-30	15-20	Fair	Good	Mature	25-50	Deadwood/stubs > 100mm; Decay; Epicormic growth; Previous failure(s); Wound(s);	Significant due to age/size; Amenity value/shade; Suitable to site conditions; Attractive landscape feature;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
575	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	51	61	6.1	117.67	2.7	15-20	5-10	Fair	Poor	Mature	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade; Significant habitat - nests/hollows;	Removal;	Within initial Fire & Rescue APZ (40m). Senescent specimen with habitat value. Tree may be retainable depending on building location and usage within fall zone.	U		Remove tree irrespective of future development.
576	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	31	3.0	28.27	2.0	15-20	5-10	Fair	Good	Semi-Mature	15-25	Deadwood/stubs > 30mm; Dieback; Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
577	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	30	3.0	28.27	2.0	10-15	5-10	Fair	Good	Semi-Mature	15-25	Deadwood/stubs > 30mm; Dieback; Hanger(s); Suppressed;	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
578	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	79	115	9.5	282.34	3.5	30-50	15-20	Fair	Fair	Mature	25-50	Bird browsing damage; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Excessive end weight; Excessive thinning; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions;	End weight reduction; Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m). Excessive end-weight in North crown.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
579	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	50	60	6.0	113.10	2.7	20-30	10-15	Fair	Fair	Mature	25-50	Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Resin exudation/kinio;	Amenity value/shade; Attractive landscape feature; Significant habitat - nests/hollows; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m). Retain any hollow deadwood that might be used as habitat.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
580	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	58	72	7.0	152.18	2.9	20-30	15-20	Good	Good	Mature	>50	Deadwood/stubs > 60mm;	Amenity value/shade; Attractive landscape feature; Suitable to site conditions; Dominant landscape feature;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
581	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	78	105	9.4	275.23	3.4	30-50	20-30	Good	Fair	Mature	25-50	Cavity(s); Co-dominant stems; Deadwood/stubs > 100mm; Previous failure(s); Uncharacteristic form; Wound(s);	Curious/abnormal growths; Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions; Significant habitat - nests/hollows;	Remove deadwood/stubs > 30mm;	Within secondary APZ (62m). Possible cavity in central crown.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
582	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	39	50	4.7	68.81	2.5	10-15	5-10	Fair	Fair	Semi-Mature	15-25	Co-dominant stems; Deadwood/stubs > 100mm; Epicormic growth; Hanger(s); Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within secondary APZ (62m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
583	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	64	94	7.7	185.30	3.2	30-50	20-30	Good	Good	Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Previous failure(s);	Amenity value/shade; Suitable to site conditions; Attractive landscape feature; Dominant landscape feature; Significant due to age/size;	Remove deadwood/stubs > 30mm;	Within secondary APZ (62m).	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
584	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	63	89	7.6	179.55	3.2	20-30	15-20	Fair	Fair	Mature	15-25	Bird browsing damage; Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Resin exudation/kinio; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Suitable to site conditions; Significant habitat - nests/hollows; Active nesting by fauna;	Remove deadwood/stubs > 30mm;		B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
585	Dead Tree	Dead tree		1	85	125	10.2	326.85	3.6	20-30	10-15	Dead	Fair	Mature	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Wound(s);	Significant habitat - nests/hollows; Suitable to site conditions; Significant due to age/size;	Habitat prune;	Within initial Fire & Rescue APZ (40m). Dead specimen with habitat value. Tree may be retainable depending on building location and usage within fall zone.	U		Remove tree irrespective of future development.
586	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	53	53	6.4	127.08	2.5	20-30	10-15	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Hanger(s); Wound(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm; Remove hanging limb(s);	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
587	Dead Tree	Dead tree		1	39	54	4.7	68.81	2.6	10-15	5-10	Dead	Fair	Semi-Mature	<5	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Previous failure(s); Wound(s);	Suitable to site conditions; Significant habitat - nests/hollows;	Habitat prune;	Within initial Fire & Rescue APZ (40m). Specimen with habitat value has limited longevity. Tree may be retainable depending on building location and usage within fall zone.	U		Remove tree irrespective of future development.
588	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	36	42	4.3	58.63	2.3	15-20	10-15	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 60mm; Previous failure(s);	Suitable to site conditions; Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m).	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m ²)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
589	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	33	31	4.0	49.27	2.0	15-20	5-10	Fair	Fair	Semi-Mature	10-15	Borers/termites; Deadwood/stubs > 30mm; Decay; Previous failure(s); Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm;	Within initial Fire & Rescue APZ (40m). Tapping swollen area at 1.4m with a mallet indicated minor decay.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
590	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	38	46	4.6	65.33	2.4	20-30	10-15	Fair	Good	Semi-Mature	25-50	Deadwood/stubs > 60mm; Dieback; Previous failure(s);	Amenity value/shade; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Within proposed northern driveway footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
591	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	38	53	4.6	65.33	2.5	15-20	5-10	Fair	Poor	Semi-Mature	5-10	Decay; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade;	Removal;	Within proposed northern driveway footprint. Health and structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
592	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	31	38	3.7	43.66	2.2	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Suppressed;	Suitable to site conditions; Amenity value/shade;	Remove deadwood/stubs > 30mm; Remove selective branches;		B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
593	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	24	30	2.9	26.06	2.0	10-15	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Previous failure(s); Suppressed;	Amenity value/shade; Suitable to site conditions;		Within proposed northern driveway footprint.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
594	Dead Tree	Dead tree		1	48	65	5.8	104.23	2.8	15-20	5-10	Dead	Poor	Semi-Mature	<5	Borers/termites; Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Wound(s);	Significant habitat - nests/hollows; Within group;	Habitat prune;	Within proposed northern driveway footprint. Specimen with habitat value has limited longevity. Tree may be retainable depending on building location and usage within fall zone. Small trunk cavity.	U		Remove tree irrespective of future development.
595	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	28	38	3.4	35.47	2.2	15-20	5-10	Poor	Fair	Semi-Mature	5-10	Borers/termites; Deadwood/stubs < 30mm; Dieback; Epicormic growth; Excessive thinning; Wound(s);	Amenity value/shade;	Consider removing;	Within initial Fire & Rescue APZ (40m). Health and structure will not likely support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
596	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	45	55	5.4	91.61	2.6	15-20	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);	Suitable to site conditions; Amenity value/shade;	Remove deadwood/stubs > 30mm;		B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
597	Dead Tree	Dead tree		1	51	62	6.1	117.26	2.7	10-15	5-10	Dead	Fair	Semi-Mature	<5	Borers/termites; Co-dominant stems; Crack(s)/split(s); Deadwood/stubs > 100mm;		Removal;	Within APZ. Dead tree with no obvious habitat hollows. Structure will not support long-term retention.	U		Remove tree irrespective of future development.
598	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	20	37	2.4	18.10	2.2	15-20	5-10	Fair	Fair	Semi-Mature	10-15	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Uncharacteristic form; Wound(s);	Amenity value/shade;	Remove deadwood/stubs > 30mm;		C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
599	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	37	38	4.4	61.93	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs < 30mm; Previous failure(s);	Suitable to site conditions; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
600	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	30	35	3.6	40.72	2.1	15-20	<5	Fair	Fair	Semi-Mature	15-25	Dieback; Previous failure(s); Resin exudation/kino; Suppressed; Wound(s);	Amenity value/shade;			C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
601	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	55	66	6.6	136.85	2.8	15-20	5-10	Dead	Poor	Semi-Mature	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Previous failure(s); Wound(s);		Removal;	Within APZ. Dead tree with no obvious habitat hollows other than extensive burnt out basal cavity. Structure will not support long-term retention.	U		Remove tree irrespective of future development.
602	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	78	90	9.4	275.23	3.2	30-50	10-15	Good	Fair	Mature	15-25	Deadwood/stubs > 100mm; Dieback; Previous failure(s); Wound(s);	Amenity value/shade; Significant due to age/size; Suitable to site conditions; Attractive landscape feature;	Remove deadwood/stubs > 30mm;	Multiple failures >100mm diameter have altered tree form and longevity.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
603	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	59	75	7.1	157.48	2.9	20-30	15-20	Fair	Fair	Mature	25-50	Cavity(s); Co-dominant stems; Deadwood/stubs > 100mm; Epicormic growth; Wound(s);	Amenity value/shade; Attractive landscape feature; Suitable to site conditions;	Remove deadwood/stubs > 30mm;	Basal cavity shows fair response growth.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
604	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	76	89	9.1	261.30	3.2	20-30	15-20	Fair	Fair	Mature	10-15	Bird browsing damage; Borers/termites; Deadwood/stubs > 100mm; Dieback; Excessive thinning; Previous failure(s); Wound(s);	Significant due to age/size; Amenity value/shade;	Remove deadwood/stubs > 30mm;	Lower crown retains fair health, and does not show dieback. Remove the dead upper 50% of crown.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
605	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	62	73	7.4	173.90	2.9	20-30	10-15	Fair	Fair	Mature	15-25	Crossing/rubbing branches; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade; Significant due to age/size;	Remove deadwood/stubs > 30mm;		B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
606	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	64	80	7.7	185.30	3.0	20-30	15-20	Good	Good	Mature	>50	Deadwood/stubs > 60mm; Epicormic growth;	Amenity value/shade; Within group; Significant due to age/size;		Within initial Fire & Rescue APZ (40m).	A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
607	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	62	82	7.4	173.90	3.0	20-30	10-15	Good	Fair	Mature	25-50	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group; Significant due to age/size; Dominant landscape feature;	Remove deadwood/stubs > 30mm;		B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
608	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	55	72	6.6	136.85	2.9	15-20	5-10	Fair	Poor	Senescent	5-10	Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Suppressed; Weak union(s); Wound(s);	Amenity value/shade; Within group;		Within initial Fire & Rescue APZ (40m). Crown consists of large branch dieback and 100% epicormic growth.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
609	Dead Tree	Dead tree		1	100	120	12.0	452.39	3.6	10-15	<5	Dead	Poor	Senescent	5-10	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		Dead tree with multiple cavities observed.	C		Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
610	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	36	42	4.3	58.63	2.3	10-15	<5	Poor	Poor	Semi-Mature	<5	Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Within group;		Crown consists of terminal stem dieback and 1x remaining poorly attached epicormic shoot.	C		Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
611	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	50	62	6.0	113.10	2.7	10-15	<5	Poor	Poor	Semi-Mature	5-10	Deadwood/stubs > 30mm; Decay; Dieback; Epicormic growth; Excessive thinning; Weak union(s); Wound(s);	Within group; Amenity value/shade;		Within proposed northern driveway footprint. Decayed basal wound observed with canopy consisting of 100% epicormic growth.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
612	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	36	46	4.3	58.63	2.4	5-10	<5	Poor	Fair	Semi-Mature	5-10	Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Within group; Amenity value/shade;		Within proposed northern driveway footprint. Crown consists of 100% epicormic growth.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
613	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	58	67	7.0	152.18	2.8	15-20	15-20	Good	Fair	Mature	25-50	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Suitable to site conditions; Amenity value/shade; Within group;		Within proposed northern driveway footprint. Asymmetrical crown shape due to suppression from neighbouring tree. Tree situated within creek riparian zone (within 10m).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
614	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	83	97	10.0	311.65	3.3	20-30	15-20	Good	Fair	Mature	25-50	Borers/termites; Cavity(s); Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Significant due to age/size; Suitable to site conditions; Within group;		Within proposed northern driveway footprint. Tree situated within creek riparian zone (within 10m). At least ten failures >90mm diameter were observed throughout crown. Retain any hollow deadwood that might serve as habitat.		1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
615	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	63	75	7.6	179.55	2.9	20-30	10-15	Good	Fair	Mature	25-50	Deadwood/stubs > 30mm; Resin exudation/kino; Suppressed; Wound(s);	Amenity value/shade; Significant due to age/size; Suitable to site conditions; Dominant landscape feature; Within group;		Tree situated within creek riparian zone (within 10m). Asymmetrical crown shape due to suppression from neighbouring tree. Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
616	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	78	92	9.4	275.23	3.2	20-30	15-20	Good	Good	Mature	>50	Deadwood/stubs > 30mm;	Amenity value/shade; Significant due to age/size; Suitable to site conditions; Dominant landscape feature; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
617	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	35	42	4.2	55.42	2.3	10-15	<5	Fair	Poor	Semi-Mature	5-10	Decay; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Crown consists of 100% epicormic growth. Good response growth around elongated trunk wound with no fungal fruiting bodies or significant decay observed.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
618	Dead Tree	Dead tree		1	44	56	5.3	87.58	2.6	10-15	<5	Dead	Poor	Semi-Mature	<5	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group;		15-09-2020 : Andy Clark : Tree situated on, and weighted towards, creek bank.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
619	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	85	110	10.2	326.85	3.4	15-20	15-20	Fair	Fair	Senescent	10-15	Canker(s); Cavity(s); Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Significant habitat - nests/hollows; Within group; Significant due to age/size;		15-09-2020 : Andy Clark : Crown consists of large branch dieback and 80% epicormic growth.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
620	Dead Tree	Dead tree		1	46	58	5.5	95.73	2.6	10-15	<5	Dead	Poor	Semi-Mature	<5	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s);	Within group;		15-09-2020 : Andy Clark : Dead tree with no obvious habitat hollows.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
621	Dead Tree	Dead tree		1	33	46	4.0	49.27	2.4	10-15	<5	Dead	Poor	Semi-Mature	<5	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s);	Within group;		15-09-2020 : Andy Clark : Dead tree with no obvious habitat hollows.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
622	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	73	86	8.8	241.08	3.1	15-20	5-10	Poor	Poor	Senescent	5-10	Crack(s)/split(s); Decay; Dieback; Epicormic growth; Weak union(s); Wound(s);	Within group;		15-09-2020 : Andy Clark : Decayed basal wound observed with canopy consisting of 100% epicormic growth.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
623	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	74	92	8.9	247.73	3.2	20-30	15-20	Good	Fair	Mature	25-50	Cavity(s); Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Significant habitat - nests/hollows; Significant due to age/size; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Cavities within or at the base of old branch stubs observed.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
624	<i>Phoenix canariensis</i>	Canary Island Date Palm	Exotic	1	56	68	6.7	141.87	2.8	5-10	<5	Good	Good	Mature	25-50		Within group;		15-09-2020 : Andy Clark : Non-native palm situated within creek water course.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
625	<i>Phoenix canariensis</i>	Canary Island Date Palm	Exotic	1	57	68	6.8	146.98	2.8	5-10	<5	Good	Good	Mature	25-50		Within group;		15-09-2020 : Andy Clark : Non-native palm situated within creek water course.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
626	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	92	108	11.0	382.90	3.4	20-30	20-30	Good	Good	Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Epicormic growth;	Amenity value/shade; Suitable to site conditions; Significant due to age/size; Within group;			A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
627	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	54	67	6.5	131.92	2.8	15-20	5-10	Fair	Poor	Mature	5-10	Decay; Dieback; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Within group;		15-09-2020 : Andy Clark : Decayed lower trunk wound observed with canopy consisting of 100% epicormic growth.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m ²)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
628	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	47	67	5.6	99.93	2.8	20-30	10-15	Good	Fair	Mature	25-50	Deadwood/stubs > 60mm; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions; Within group;		15-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
629	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	38	46	4.6	65.33	2.4	10-15	5-10	Fair	Fair	Semi-Mature	15-25	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
630	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	51	67	6.1	117.67	2.8	15-20	5-10	Fair	Fair	Mature	15-25	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
631	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	66	84	7.9	197.06	3.1	15-20	10-15	Fair	Fair	Mature	15-25	Deadwood/stubs > 60mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
632	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	56	64	6.7	141.87	2.7	20-30	10-15	Good	Fair	Mature	25-50	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade; Significant due to age/size; Suitable to site conditions; Within group;		15-09-2020 : Andy Clark : Minor crown suppression from neighbouring tree.	A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
633	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	58	64	7.0	152.18	2.7	20-30	15-20	Good	Good	Mature	25-50	Deadwood/stubs > 60mm; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Significant due to age/size; Suitable to site conditions; Within group;		15-09-2020 : Andy Clark : Slight crown suppression from neighbouring tree.	A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
634	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	65	77	7.8	191.13	3.0	20-30	10-15	Good	Fair	Mature	15-25	Decay; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
635	Dead Tree	Dead tree		1	#####	82			3.0	10-15	<5	Dead	Poor	Senescent	<5	Co-dominant stems; Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group;		15-09-2020 : Andy Clark : Structurally unstable dead tree.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
636	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	67	82	8.0	203.08	3.0	15-20	5-10	Good	Fair	Mature	25-50	Epicormic growth; Included bark; Suppressed; Wound(s);	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
637	Dead Tree	Dead tree		1	47	55	5.6	99.93	2.6	10-15	<5	Dead	Poor	Semi-Mature	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		15-09-2020 : Andy Clark : Dead tree with 1 x small cavity at 10m.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
638	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	53	61	6.4	127.08	2.7	15-20	10-15	Good	Fair	Mature	15-25	Co-dominant stems; Deadwood/stubs > 30mm; Epicormic growth; Included bark; Previous failure(s); Wound(s);	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed. Included union at 4m between co-dominant stems. The inclusion is long established and appeared inactive at this inspection (no sap exudation, cracking or crown separation).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
639	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	24	29	2.9	26.06	2.0	10-15	5-10	Good	Good	Juvenile	>50	Co-dominant stems;	Amenity value/shade;	Formative pruning;	14-09-2020 : Jesse Tree : Formatively prune to remove poorly attached or crossing branches, favour a single leader, and promote good branching structure.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
640	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	2	26	28	3.1	30.58	1.9	10-15	<5	Good	Good	Semi-Mature	25-50		Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Two trees in close proximity.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
641	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	82	105	9.8	304.19	3.4	20-30	15-20	Fair	Fair	Mature	15-25	Deadwood/stubs > 60mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Significant due to age/size;		15-09-2020 : Andy Clark : The tree is in a reduced state of health with moderate canopy density, terminal branch dieback & the remaining foliage consisting of 60% epicormic growth.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
642	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	64	76	7.7	185.30	2.9	20-30	15-20	Good	Good	Mature	25-50	Deadwood/stubs > 30mm;	Amenity value/shade; Significant due to age/size; Suitable to site conditions; Within group;			A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
643	Dead Tree	Dead tree		1	49	54	5.9	108.62	2.6	10-15	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;	Consider removing;	15-09-2020 : Andy Clark : Habitat stump potential pending usage within fall zone.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
644	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	98	125	11.8	434.47	3.6	20-30	10-15	Fair	Poor	Senescent	5-10	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Excessive thinning; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Significant due to age/size; Significant habitat - nests/hollows; Within group;		15-09-2020 : Andy Clark : Decayed basal wound and large branch/stem dieback observed with canopy consisting of 100% epicormic growth. Habitat stump potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
645	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	73	110	8.8	241.08	3.4	20-30	5-10	Fair	Poor	Senescent	5-10	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Excessive thinning; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Significant due to age/size; Significant habitat - nests/hollows; Within group;	Habitat prune;	15-09-2020 : Andy Clark : Habitat stump potential pending usage within fall zone. If retained reduce height to 15m. No survey mark observed.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
646	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	95	115	11.4	408.28	3.5	20-30	10-15	Fair	Poor	Senescent	5-10	Cavity(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Significant due to age/size; Significant habitat - nests/hollows; Within group;		15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone. Multiple cavities within old branch stubs observed. No survey mark observed.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
647	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	76	93	9.1	261.30	3.2	20-30	10-15	Fair	Poor	Senescent	5-10	Cavity(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Heaved root plate; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Significant due to age/size; Significant habitat - nests/hollows; Within group;	Consider removing;	15-09-2020 : Andy Clark : No survey mark observed. Tree has failed at ground level a number of years ago and is securely propped in tree 648.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
648	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	75	96	9.0	254.47	3.3	20-30	15-20	Fair	Fair	Mature	15-25	Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade; Significant due to age/size;		15-09-2020 : Andy Clark : Failed tree 647 is leaning on upper canopy.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
649	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	5-10	5-10	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
650	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	92	120	11.0	382.90	3.6	20-30	15-20	Fair	Fair	Senescent	15-25	Cavity(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Significant due to age/size; Significant habitat - nests/hollows; Within group;		15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
651	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	63	85	7.6	179.55	3.1	15-20	10-15	Fair	Fair	Senescent	10-15	Cavity(s); Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Significant habitat - nests/hollows; Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Crown consists of large branch dieback and 100% epicormic growth. Cavities within old branch stubs observed.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
652	Dead Tree	Dead tree		1	45	58	5.4	91.61	2.6	10-15	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Wound(s);	Significant habitat - nests/hollows; Within group;		15-09-2020 : Andy Clark : Habitat stump potential pending usage within fall zone.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
653	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	34	38	4.1	52.21	2.2	10-15	5-10	Fair	Fair	Semi-Mature	15-25	Co-dominant stems; Dieback; Epicormic growth; Wound(s);	Within group; Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
654	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	29	33	3.5	38.05	2.1	10-15	5-10	Good	Fair	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
655	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	80	115	9.6	289.53	3.5	15-20	10-15	Fair	Poor	Senescent	5-10	Cavity(s); Co-dominant stems; Deadwood/stubs > 100mm; Decay; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Significant habitat - nests/hollows; Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
656	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	26	28	3.1	30.58	1.9	10-15	<5	Fair	Poor	Semi-Mature	5-10	Deadwood/stubs > 60mm; Decay; Epicormic growth; Previous failure(s); Suppressed; Weak union(s); Wound(s);	Amenity value/shade; Within group;	Formative pruning;		C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
657	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	83	110	10.0	311.65	3.4	20-30	5-10	Fair	Fair	Senescent	10-15	Cavity(s); Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Significant habitat - nests/hollows; Amenity value/shade; Within group; Significant due to age/size;		15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
658	Dead Tree	Dead tree		1	52	65	6.2	122.33	2.8	5-10	<5	Dead	Poor	Senescent	<5	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group;		15-09-2020 : Andy Clark : 6m severely burnt trunk.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
659	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	29	32	3.5	38.05	2.1	5-10	<5	Good	Fair	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
660	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	28	32	3.4	35.47	2.1	10-15	<5	Good	Fair	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions; Within group;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
661	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	27	32	3.2	32.98	2.1	10-15	<5	Fair	Fair	Semi-Mature	25-50	Epicormic growth; Wound(s);	Within group; Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
662	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	29	32	3.5	38.05	2.1	10-15	<5	Good	Fair	Semi-Mature	15-25	Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;	Formative pruning;		C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
663	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	32	37	3.8	46.32	2.2	15-20	5-10	Good	Fair	Semi-Mature	15-25	Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;	Formative pruning;		B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
664	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	42	48	5.0	79.80	2.4	15-20	10-15	Good	Fair	Semi-Mature	25-50	Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group;	Formative pruning;		B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
665	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	33	36	4.0	49.27	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Within group;	Formative pruning;		B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
666	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	28	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50	Epicormic growth; Suppressed;	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
667	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50		Amenity value/shade; Within group;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
668	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	27	3.0	28.27	1.9	5-10	<5	Good	Fair	Juvenile	25-50	Epicormic growth;	Within group; Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
669	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	27	3.0	28.27	1.9	15-20	<5	Good	Fair	Juvenile	25-50	Suppressed;	Amenity value/shade; Within group;	Formative pruning;		C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
670	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	26	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50	Epicormic growth; Suppressed;	Within group; Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
671	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	43	56	5.2	83.65	2.6	10-15	10-15	Good	Fair	Mature	10-15	Suppressed; Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
672	Dead Tree	Dead tree		1	47	53	5.6	99.93	2.5	<5	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Wound(s);	Within group; Significant habitat - nests/hollows;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Habitat stump potential pending usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
673	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	25	32	3.0	28.27	2.1	10-15	<5	Good	Good	Juvenile	25-50	Suppressed;	Amenity value/shade; Suitable to site conditions; Within group;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
674	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	62	73	7.4	173.90	2.9	20-30	10-15	Good	Good	Mature	25-50	Deadwood/stubs > 30mm;	Suitable to site conditions; Significant due to age/size; Within group; Amenity value/shade; Dominant landscape feature;			A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
675	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	25	26	3.0	28.27	1.9	5-10	<5	Good	Fair	Juvenile	10-15	Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Within group;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
676	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	31	42	3.7	43.47	2.3	15-20	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
677	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	27	3.0	28.27	1.9	15-20	<5	Fair	Fair	Juvenile	10-15	Suppressed;	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
678	Dead Tree	Dead tree		1	52	63	6.2	122.33	2.7	15-20	5-10	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;	Habitat prune;	15-09-2020 : Andy Clark : Habitat stump potential pending usage within fall zone. Reduce height by 50%, retaining trunk cavity.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
679	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	82	98	9.8	304.19	3.3	20-30	10-15	Fair	Fair	Senescent	10-15	Borers/termiles; Cavity(s); Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Significant habitat - nests/hollows; Amenity value/shade; Within group; Significant due to age/size;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
680	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	100	115	12.0	452.39	3.5	20-30	10-15	Fair	Fair	Senescent	15-25	Borers/termiles; Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Specimen entering senescence.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
681	<i>Phoenix canariensis</i>	Canary Island Date Palm	Exotic	1	56	64	6.7	141.87	2.7	5-10	<5	Good	Good	Mature	25-50		Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Non-native palm species.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
682	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	28	33	3.4	35.47	2.1	5-10	<5	Fair	Poor	Mature	<5	Abnormal lean; Dieback; Epicormic growth; Suppressed; Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Asymmetrical crown shape due to suppression from neighbouring tree.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
683	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	53	65	6.4	127.08	2.8	5-10	5-10	Good	Poor	Senescent	10-15	Cavity(s); Deadwood/stubs > 60mm; Epicormic growth; Excessive end weight; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Significant due to age/size; Significant habitat - nests/hollows;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
684	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	29	34	3.5	38.05	2.1	10-15	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Resin exudation/kino;	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
685	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	30	33	3.6	40.72	2.1	10-15	5-10	Good	Fair	Semi-Mature	25-50		Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
686	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50	Co-dominant stems; Epicormic growth; Suppressed;	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
687	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	88	105	10.6	350.33	3.4	20-30	15-20	Fair	Fair	Senescent	10-15	Canker(s); Cavity(s); Deadwood/stubs > 30mm; Decay; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Significant due to age/size; Significant habitat - nests/hollows; Within group;		15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone. Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
688	Dead Tree	Dead tree		1	76	92	9.1	261.30	3.2	5-10	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		15-09-2020 : Andy Clark : Habitat stump potential pending usage within fall zone.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
689	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	65	78	7.8	191.13	3.0	15-20	15-20	Poor	Fair	Senescent	5-10	Cavity(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Excessive thinning; Previous failure(s); Weak union(s); Wound(s);	Significant habitat - nests/hollows; Within group; Amenity value/shade;	Habitat prune;	15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone. Cavities within old branch stubs observed.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
690	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50	Co-dominant stems; Resin exudation/kino;	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
691	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	31	37	3.7	43.47	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Resin exudation/kino;	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
692	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50	Resin exudation/kino; Wound(s);	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
693	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	33	37	4.0	49.27	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
694	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	33	37	4.0	49.27	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
695	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	26	3.0	28.27	1.9	5-10	<5	Good	Fair	Juvenile	5-10	Co-dominant stems; Included bark; Wound(s);	Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
696	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	84	98	10.1	319.21	3.3	20-30	15-20	Fair	Fair	Senescent	10-15	Borers/termiles; Cavity(s); Deadwood/stubs > 100mm; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Significant habitat - nests/hollows; Amenity value/shade; Within group; Significant due to age/size;		15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
697	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	84	105	10.1	319.21	3.4	20-30	5-10	Poor	Poor	Senescent	<5	Abnormal lean; Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Excessive end weight; Heaved root plate; Weak union(s); Wound(s);	Significant habitat - nests/hollows; Within group;	Consider removing;	15-09-2020 : Andy Clark : Trees current health and structure will not support long-term retention. Upper crown structure is dead with significant basal fire damage observed. Tree currently resting on tree 698 and has limited structural stability. Habitat stump potential pending usage within fall zone.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
698	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	26	3.0	28.27	1.9	15-20	<5	Good	Fair	Juvenile	25-50	Crossing/rubbing branches; Mechanical damage; Resin exudation/kino;	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
699	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50	Co-dominant stems; Suppressed;	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
700	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	67	78	8.0	203.08	3.0	20-30	15-20	Fair	Fair	Mature	15-25	Canker(s); Co-dominant stems; Epicormic growth; Previous failure(s); Resin exudation/kino; Weak union(s); Wound(s);	Amenity value/shade; Within group; Significant due to age/size;	Remove selective branches;	15-09-2020 : Andy Clark : Large wound at base of northern stem makes stability unpredictable. Consider removing northern stem back to the trunk union pending impact zone usage.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
701	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	48	60	5.8	104.23	2.7	15-20	10-15	Fair	Fair	Mature	10-15	Crossing/rubbing branches; Deadwood/stubs > 60mm; Dieback; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;	Remove deadwood/stubs > 30mm;		B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
702	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	27	30	3.2	32.98	2.0	10-15	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
703	Dead Tree	Dead tree		1	52	74	6.2	122.33	2.9	10-15	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		15-09-2020 : Andy Clark : Habitat stump potential pending usage within fall zone. Structural cracks within trunk indicate unpredictable stability.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
704	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	54	68	6.5	131.92	2.8	15-20	10-15	Good	Fair	Mature	25-50	Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
705	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	75	86	9.0	254.47	3.1	20-30	15-20	Good	Fair	Mature	15-25	Abnormal lean; Borers/termiles; Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Significant due to age/size; Within group;		15-09-2020 : Andy Clark : Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed. Asymmetrical crown shape due to suppression from neighbouring tree. Large proportion of stabilised epicormic growth within crown structure.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
706	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	33	38	4.0	49.27	2.2	15-20	5-10	Good	Good	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade; Within group;			B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
707	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	33	38	4.0	49.27	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Suppressed; Wound(s);	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
708	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	28	33	3.4	35.47	2.1	5-10	5-10	Fair	Poor	Mature	<5	Co-dominant stems; Decay; Fungal fruiting body(s); Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Significant lower trunk decay makes ongoing stability unpredictable.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
709	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	43	55	5.2	83.65	2.6	10-15	10-15	Good	Fair	Semi-Mature	15-25	Epicormic growth; Suppressed; Wound(s);	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m ²)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
710	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	27	3.0	28.27	1.9	5-10	<5	Poor	Poor	Juvenile	<5	Decay; Dieback; Epicormic growth; Suppressed; Wound(s);			15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Crown consists of stem wounding and dieback and 100% epicormic growth.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
711	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	33	41	4.0	49.27	2.3	10-15	5-10	Fair	Poor	Mature	<5	Abnormal lean; Crack(s)/split(s); Epicormic growth; Suppressed; Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Significant lower trunk wounding makes ongoing stability unpredictable. Within causeway footprint.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
712	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	53	60	6.4	127.08	2.7	10-15	5-10	Fair	Poor	Mature	<5	Co-dominant stems; Crack(s)/split(s); Decay; Epicormic growth; Included bark; Weak union(s); Wound(s);	Amenity value/shade; Within group;	Consider removing;	15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Separation observed between included stems at 2m. Within causeway footprint.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
713	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	33	3.0	28.41	2.1	5-10	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Epicormic growth; Suppressed;	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
714	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	27	33	3.2	32.98	2.1	10-15	5-10	Fair	Fair	Semi-Mature	10-15	Co-dominant stems; Epicormic growth; Included bark; Suppressed;	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Asymmetrical crown shape due to suppression from neighbouring tree.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
715	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	32	33	3.8	46.32	2.1	5-10	<5	Fair	Poor	Semi-Mature	<5	Abnormal lean; Deadwood/stubs > 60mm; Epicormic growth; Suppressed; Weak union(s); Wound(s);	Within group;	Consider removing;	15-09-2020 : Andy Clark : Trees current structure will not support long-term retention. Upper canopy supported by adjacent trees.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
716	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	26	30	3.1	30.58	2.0	10-15	<5	Good	Poor	Juvenile	5-10	Co-dominant stems; Epicormic growth; Included bark; Weak union(s);	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Trees current structure will not support long-term retention	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
717	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	31	34	3.7	43.47	2.1	10-15	5-10	Good	Fair	Semi-Mature	10-15	Abnormal lean; Deadwood/stubs > 30mm; Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Tree stem growing from a previously failed tree.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
718	Dead Tree	Dead tree		1	45	48	5.4	91.61	2.4	<5	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
719	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	25	28	3.0	28.27	1.9	5-10	<5	Fair	Fair	Juvenile	10-15	Co-dominant stems;	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
720	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	32	34	3.8	45.83	2.1	5-10	5-10	Fair	Fair	Mature	5-10	Co-dominant stems; Included bark; Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
721	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	30	33	3.6	40.72	2.1	5-10	5-10	Fair	Fair	Mature	5-10	Co-dominant stems; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
722	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	27	29	3.2	32.98	2.0	15-20	<5	Good	Good	Semi-Mature	25-50		Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
723	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
724	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	25	27	3.0	28.27	1.9	10-15	5-10	Good	Poor	Mature	5-10	Co-dominant stems; Decay; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Trees current health and structure will not support long-term retention	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
725	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	66	84	7.9	197.06	3.1	20-30	15-20	Good	Good	Mature	25-50	Deadwood/stubs > 30mm;	Amenity value/shade; Within group; Significant due to age/size;			A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
726	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	40	45	4.8	72.38	2.4	15-20	10-15	Good	Fair	Semi-Mature	25-50	Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
727	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	54	67	6.5	131.92	2.8	15-20	5-10	Fair	Poor	Senescent	5-10	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Weak union(s); Wound(s);	Within group; Amenity value/shade;		15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
728	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	49	62	5.9	108.62	2.7	15-20	5-10	Good	Fair	Mature	15-25	Deadwood/stubs > 30mm; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed. Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
729	Dead Tree	Dead tree		1	50	55	6.0	113.10	2.6	5-10	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		15-09-2020 : Andy Clark : Habitat stag potential pending usage within fall zone.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
730	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	45	48	5.4	91.61	2.4	10-15	10-15	Fair	Poor	Mature	5-10	Co-dominant stems; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Mechanical damage; Weak union(s); Wound(s);	Within group;		15-09-2020 : Andy Clark : Significant fire damage makes long term retention unviable. Habitat stag potential pending usage within fall zone.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
731	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	78	94	9.4	275.23	3.2	20-30	10-15	Fair	Poor	Senescent	5-10	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Excessive thinning; Previous failure(s); Weak union(s); Wound(s);	Within group; Amenity value/shade; Significant habitat - nests/hollows;	Habitat prune;	15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
732	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	26	29	3.1	30.58	2.0	10-15	<5	Good	Fair	Juvenile	25-50	Co-dominant stems; Suppressed; Wound(s);	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
733	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	26	30	3.1	30.58	2.0	10-15	5-10	Good	Good	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
734	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	62	68	7.4	172.32	2.8	15-20	10-15	Good	Fair	Mature	15-25	Co-dominant stems; Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
735	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	34	43	4.1	52.30	2.3	15-20	5-10	Good	Fair	Mature	15-25	Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
736	<i>Corymbia gumifera</i>	Red Bloodwood	Endemic	1	26	27	3.1	30.58	1.9	10-15	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
737	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	26	32	3.1	30.58	2.1	5-10	<5	Fair	Poor	Semi-Mature	5-10	Decay; Dieback; Epicormic growth; Previous failure(s); Suppressed; Weak union(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Trees current health and structure will not support long-term retention	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
738	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	54	78	6.5	131.92	3.0	20-30	5-10	Fair	Poor	Senescent	5-10	Borers/termites; Crack(s)/split(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;	Habitat prune;	15-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
739	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	57	70	6.8	146.98	2.8	15-20	15-20	Fair	Fair	Mature	15-25	Abnormal lean; Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Good response growth around trunk wounds with no fungal fruiting bodies or significant decay observed. Upper canopy consists of stabilised epicormic growth.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
740	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	34	46	4.1	52.30	2.4	15-20	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Epicormic growth; Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
741	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	65	77	7.8	191.13	3.0	20-30	15-20	Good	Good	Mature	>50	Cavity(s); Deadwood/stubs > 30mm; Wound(s);	Significant habitat - nests/hollows; Significant due to age/size; Amenity value/shade; Within group;		15-09-2020 : Andy Clark : Cavities within old branch stubs observed.	A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
742	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	68	80	8.2	209.18	3.0	20-30	20-30	Good	Good	Mature	>50	Deadwood/stubs > 60mm; Wound(s);	Amenity value/shade; Within group; Significant due to age/size;			A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
743	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	82	92	9.8	304.19	3.2	20-30	15-20	Fair	Fair	Mature	25-50	Cavity(s); Co-dominant stems; Deadwood/stubs > 60mm; Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Within group; Significant due to age/size; Significant habitat - nests/hollows;		16-09-2020 : Andy Clark : Cavities within old branch stubs observed.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
744	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	53	67	6.4	127.08	2.8	20-30	10-15	Good	Fair	Mature	15-25	Borers/termites; Co-dominant stems; Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Arboreal termites observed, generally associated with dead wood within canopy.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
745	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	56	87	6.7	141.87	3.1	20-30	10-15	Fair	Fair	Mature	15-25	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Resin exudation/kino; Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
746	Dead Tree	Dead tree		1	34	39	4.1	52.30	2.2	5-10	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Cavities within old branch stubs observed.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
747	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	10-15	Epicormic growth; Wound(s);	Within group;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
748	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	83	108	10.0	311.65	3.4	15-20	15-20	Good	Fair	Mature	25-50	Deadwood/stubs > 60mm; Epicormic growth; Soil erosion; Suppressed; Wound(s);	Amenity value/shade; Within group; Significant due to age/size; Suitable to site conditions;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
749	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	72	86	8.6	234.52	3.1	15-20	10-15	Good	Fair	Mature	25-50	Borers/termites; Deadwood/stubs > 100mm;	Amenity value/shade; Attractive landscape feature; Dominant landscape feature; Outstanding example of species; Significant due to age/size; Suitable to site conditions;	Remove deadwood/stubs > 30mm;		B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
750	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	73	93	8.8	241.08	3.2	20-30	10-15	Fair	Fair	Mature	15-25	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group; Significant due to age/size;		16-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree. Good response growth around trunk wounds with no fungal fruiting bodies or significant decay observed.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
751	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	64	75	7.7	185.30	2.9	15-20	15-20	Good	Fair	Mature	15-25	Deadwood/stubs > 100mm; Epicormic growth; Suppressed; Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
752	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	42	55	5.0	79.80	2.6	10-15	5-10	Fair	Fair	Semi-Mature	15-25	Deadwood/stubs > 30mm; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Crown consists of 70% epicormic growth.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
753	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	48	54	5.8	104.23	2.6	10-15	10-15	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Epicormic growth; Suppressed; Wound(s);	Amenity value/shade; Within group; Suitable to site conditions;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
754	Dead Tree	Dead tree		1	52	58	6.2	122.33	2.6	5-10	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
755	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	59	72	7.1	157.48	2.9	20-30	15-20	Good	Fair	Mature	25-50	Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Within group;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
756	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	3	28	33	3.4	35.47	2.1	10-15	<5	Good	Fair	Semi-Mature	10-15	Epicormic growth; Suppressed;	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). A dense stand of Turps.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
757	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	15-20	<5	Good	Fair	Juvenile	10-15	Crossing/rubbing branches;	Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
758	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	35	42	4.2	55.42	2.3	15-20	5-10	Good	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs < 30mm; Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
759	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	29	34	3.5	38.05	2.1	10-15	5-10	Good	Fair	Semi-Mature	15-25	Epicormic growth; Suppressed; Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
760	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	54	66	6.5	131.92	2.8	15-20	15-20	Good	Fair	Mature	15-25	Co-dominant stems; Epicormic growth; Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
761	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	49	60	5.9	108.62	2.7	15-20	10-15	Good	Fair	Mature	15-25	Borers/termites; Deadwood/stubs > 60mm; Epicormic growth; Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Arboreal termites observed, generally associated with dead wood within canopy.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
762	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	28	3.0	28.27	1.9	15-20	<5	Good	Good	Juvenile	15-25	Co-dominant stems;	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
763	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	28	3.0	28.27	1.9	15-20	<5	Good	Fair	Juvenile	25-50	Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
764	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	35	37	4.2	56.64	2.2	10-15	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Deadwood/stubs < 30mm; Epicormic growth; Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
765	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	27	33	3.2	32.98	2.1	10-15	<5	Good	Fair	Juvenile	15-25		Within group; Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
766	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	83	105	10.0	311.65	3.4	20-30	10-15	Fair	Fair	Mature	15-25	Deadwood/stubs > 60mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). The tree is in a reduced state of health with moderate canopy density, terminal branch dieback & the remaining foliage consisting of 60% epicormic growth.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
767	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	28	33	3.4	35.47	2.1	10-15	<5	Good	Fair	Semi-Mature	15-25	Epicormic growth;	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
768	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	27	31	3.2	32.98	2.0	10-15	<5	Good	Fair	Juvenile	25-50	Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
769	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Epicormic growth; Wound(s);	Within group; Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
770	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	25	27	3.0	28.27	1.9	10-15	<5	Good	Good	Juvenile	15-25		Within group; Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
771	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	26	27	3.1	30.58	1.9	10-15	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Deadwood/stubs > 30mm; Wound(s);	Within group; Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
772	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	73	94	8.8	241.08	3.2	20-30	15-20	Good	Fair	Mature	15-25	Deadwood/stubs > 60mm; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade; Significant due to age/size;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
773	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	75	96	9.0	254.47	3.3	15-20	15-20	Fair	Fair	Mature	10-15	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade; Significant due to age/size;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
774	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	76	93	9.1	261.30	3.2	20-30	10-15	Poor	Fair	Mature	10-15	Cavity(s); Deadwood/stubs > 60mm; Epicormic growth; Excessive thinning; Previous failure(s); Resin exudation/kino; Wound(s);	Significant habitat - nests/hollows; Significant due to age/size; Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
775	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	42	49	5.0	79.80	2.5	15-20	10-15	Good	Fair	Mature	15-25	Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade; Suitable to site conditions;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
776	Dead Tree	Dead tree		1	73	92	8.8	241.08	3.2	5-10	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;			C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
777	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	45	50	5.4	91.61	2.5	10-15	10-15	Good	Fair	Mature	15-25	Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
778	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	28	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	15-25	Co-dominant stems; Wound(s);	Within group; Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
779	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	33	38	4.0	49.27	2.2	15-20	<5	Good	Good	Semi-Mature	25-50		Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
780	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	27	32	3.2	32.98	2.1	5-10	<5	Fair	Fair	Semi-Mature	15-25	Co-dominant stems; Epicormic growth; Suppressed; Wound(s);	Within group; Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
781	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	33	40	4.0	49.27	2.3	15-20	<5	Good	Good	Semi-Mature	25-50		Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
782	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	29	36	3.5	38.05	2.2	10-15	<5	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Suppressed; Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
783	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	62	84	7.4	173.90	3.1	10-15	<5	Fair	Fair	Senescent	10-15	Cavity(s); Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group; Significant habitat - nests/hollows;		16-09-2020 : Andy Clark : Single trunk with multiple cavities observed. Canopy consists of 100% epicormic growth. Terminal leader has failed at 15m.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
784	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	61	69	7.3	168.33	2.8	15-20	10-15	Fair	Fair	Mature	15-25	Dieback; Epicormic growth; Previous failure(s); Resin exudation/kino; Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
785	<i>Corymbia gummifera</i>	Red Bloodwood	Endemic	1	25	26	3.0	28.27	1.9	10-15	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
786	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	45	58	5.4	91.61	2.6	15-20	10-15	Good	Fair	Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Epicormic growth;	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
787	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	48	60	5.8	104.23	2.7	15-20	10-15	Good	Fair	Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm; Epicormic growth; Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
788	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	67	85	8.0	203.08	3.1	20-30	15-20	Fair	Fair	Mature	15-25	Deadwood/stubs > 30mm; Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
789	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	50	64	6.0	113.10	2.7	15-20	5-10	Poor	Poor	Senescent	5-10	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Excessive thinning; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Crown consists of large branch dieback and 100% epicormic growth.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
790	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	42	57	5.0	79.80	2.6	15-20	5-10	Good	Fair	Mature	15-25	Epicormic growth; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
791	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	63	79	7.6	179.55	3.0	20-30	15-20	Fair	Fair	Mature	15-25	Deadwood/stubs > 100mm; Decay; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Good response growth around lower trunk wound with no fungal fruiting bodies or significant decay observed. Lower trunk wound, and lower canopy damage, attributed to fire damage.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
792	Dead Tree	Dead tree		1	39	43	4.7	68.81	2.3	5-10	<5	Dead	Poor	Senescent	<5	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
793	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	91	123	10.9	374.62	3.6	20-30	15-20	Good	Fair	Mature	25-50	Cavity(s); Deadwood/stubs > 60mm; Epicormic growth; Gall(s); Previous failure(s); Wound(s);	Amenity value/shade; Within group; Significant due to age/size; Significant habitat - nests/hollows; Suitable to site conditions; Dominant landscape feature;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Cavities within old branch stubs observed.	A	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
794	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	73	96	8.8	241.08	3.3	20-30	10-15	Fair	Fair	Mature	15-25	Borers/termites; Cavity(s); Deadwood/stubs > 60mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group; Significant habitat - nests/hollows; Significant due to age/size;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Cavities within old branch stubs observed. Habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
795	Dead Tree	Dead tree		1	41	46	4.9	76.05	2.4	10-15	5-10	Dead	Poor	Senescent	<5	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group;	Consider removing;	16-09-2020 : Andy Clark : Dead tree with no obvious habitat hollows. Trees current structure will not support long-term retention	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
796	Dead Tree	Dead tree		1	33	36	4.0	49.27	2.2	5-10	5-10	Dead	Poor	Senescent	<5	Deadwood/stubs > 100mm; Decay; Previous failure(s); Wound(s);	Within group;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Dead tree with no obvious habitat hollows.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
797	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	68	79	8.2	209.18	3.0	15-20	5-10	Poor	Poor	Senescent	10-15	Deadwood/stubs > 60mm; Decay; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m). Crown consists of large branch dieback and 100% epicormic growth. Habitat stag potential pending usage within fall zone.	B	3	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
798	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	75	97	9.0	254.47	3.3	20-30	15-20	Fair	Fair	Mature	15-25	Borers/termites; Cavity(s); Co-dominant stems; Deadwood/stubs > 60mm; Decay; Dieback; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Significant habitat - nests/hollows; Amenity value/shade; Significant due to age/size; Within group;		16-09-2020 : Andy Clark : Arboreal termites observed, generally associated with dead wood within canopy. Good response growth around burnt out main stem union at 5m. The wound has reduced ULE. Habitat stag potential pending usage within fall zone.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
799	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	28	34	3.4	35.47	2.1	5-10	<5	Good	Fair	Semi-Mature	10-15	Co-dominant stems; Epicormic growth; Included bark;	Amenity value/shade;		16-09-2020 : Andy Clark : Tree situated within creek riparian zone (within 10m).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
800	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	23	28	2.8	23.93	1.9	10-15	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
801	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	28	3.0	28.27	1.9	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Epicormic growth; Wound(s);	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
802	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	28	35	3.4	35.47	2.1	10-15	5-10	Fair	Fair	Semi-Mature	15-25	Borers/termites; Deadwood/stubs > 100mm; Wound(s);	Amenity value/shade;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
803	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	28	3.0	28.27	1.9	10-15	<5	Good	Fair	Juvenile	25-50	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade;		15-09-2020 : Jesse Tree : No survey mark observed. Good response growth forming at wound margins.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
804	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	64	76	7.7	185.30	2.9	20-30	10-15	Fair	Fair	Mature	10-15	Borers/termites; Deadwood/stubs > 100mm; Dieback; Hanger(s); Wound(s);	Amenity value/shade; Significant due to age/size;		15-09-2020 : Jesse Tree : No survey mark observed. Termites appear to be an arboreal species. Arboreal termite mud nests are built by the species Nasutitermes walkeri and Microtermes turneri.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
805	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	70	84	8.4	221.67	3.1	20-30	10-15	Fair	Fair	Mature	15-25	Deadwood/stubs > 100mm; Wound(s);	Amenity value/shade; Significant due to age/size;		15-09-2020 : Jesse Tree : No survey mark observed.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
806	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	19	24	2.3	16.33	1.8	10-15	5-10	Fair	Fair	Juvenile	10-15	Borers/termites; Suppressed; Uncharacteristic form; Wound(s);			15-09-2020 : Jesse Tree : No survey mark observed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
807	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	40	49	4.8	72.38	2.5	15-20	10-15	Good	Fair	Semi-Mature	>50	Co-dominant stems; Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
808	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	26	29	3.1	30.58	2.0	15-20	5-10	Good	Good	Semi-Mature	>50	Suppressed;	Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
809	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	20	22	2.4	18.10	1.8	10-15	5-10	Good	Fair	Semi-Mature	25-50	Deadwood/stubs > 30mm; Wound(s);	Amenity value/shade;		15-09-2020 : Jesse Tree : No survey mark observed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
810	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	51	65	6.1	117.67	2.8	15-20	10-15	Fair	Fair	Mature	15-25	Borers/termites; Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Fungal fruiting body(s); Wound(s);	Amenity value/shade;		15-09-2020 : Jesse Tree : No survey mark observed. Laetiporus portentosus fungal fruiting body at base. This decay organism feeds on heartwood by breaking down cellulose, an organic compound in plant cell walls that provides tensile strength.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
811	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	23	26	2.8	23.93	1.9	10-15	5-10	Fair	Good	Semi-Mature	15-25	Deadwood/stubs > 60mm; Suppressed;				C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
812	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	28	30	3.4	35.47	2.0	10-15	5-10	Fair	Fair	Semi-Mature	10-15	Borers/termites; Deadwood/stubs > 100mm; Suppressed; Uncharacteristic form;				C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
813	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	51	76	6.1	117.67	2.9	15-20	10-15	Fair	Fair	Mature	25-50	Borers/termites; Co-dominant stems; Deadwood/stubs > 60mm; Dieback; Epicormic growth;	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
814	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	66	79	7.9	197.06	3.0	20-30	20-30	Good	Good	Mature	>50	Bird browsing damage; Deadwood/stubs > 100mm; Resin exudation/kin; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size;			A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
815	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	23	28	2.8	23.93	1.9	10-15	5-10	Good	Fair	Juvenile	25-50	Epicormic growth; Suppressed;				C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
816	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	21	24	2.5	19.95	1.8	10-15	5-10	Good	Fair	Juvenile	15-25	Deadwood/stubs > 60mm; Suppressed; Uncharacteristic form;				C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
817	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	21	27	2.5	19.95	1.9	10-15	5-10	Fair	Good	Juvenile	25-50	Dieback; Epicormic growth;	Amenity value/shade;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
818	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	43	52	5.2	83.65	2.5	20-30	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Previous failure(s);	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
819	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	43	60	5.2	83.65	2.7	20-30	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Previous failure(s);	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
820	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	44	58	5.3	87.58	2.6	20-30	10-15	Fair	Poor	Semi-Mature	5-10	Borers/termites; Co-dominant stems; Deadwood/stubs > 100mm; Decay; Previous failure(s); Wound(s);	Amenity value/shade; Significant habitat - nests/hollows;	Habitat prune;	15-09-2020 : Jesse Tree : No survey mark observed. Senescent specimen with habitat value. Tree may be retainable depending on building location and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
821	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	28	35	3.4	35.47	2.1	15-20	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade;		15-09-2020 : Jesse Tree : No survey mark observed.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
822	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	24	28	2.9	26.06	1.9	10-15	5-10	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
823	Dead Tree	Dead tree		1	65	56	7.8	191.13	2.6	10-15	<5	Dead	Poor	Mature	<5	Borers/termites; Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Wound(s);	Significant habitat - nests/hollows;	Removal;	15-09-2020 : Jesse Tree : No survey mark observed. Base has burned out, with 40% circumference remaining. Trunk leans on T824.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
824	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	39	49	4.7	68.81	2.5	15-20	10-15	Good	Fair	Semi-Mature	25-50	Borers/termites; Deadwood/stubs > 100mm; Wound(s);	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
825	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	26	31	3.1	30.58	2.0	10-15	5-10	Fair	Good	Juvenile	25-50	Dieback; Epicormic growth;	Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
826	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	33	3.0	28.27	2.1	10-15	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
827	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	55	75	6.6	136.85	2.9	20-30	15-20	Fair	Good	Mature	25-50	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Significant due to age/size;			B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
828	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	27	31	3.2	32.98	2.0	15-20	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
829	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	20	25	2.4	18.10	1.8	10-15	<5	Good	Good	Juvenile	>50		Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
830	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	29	39	3.5	38.05	2.2	10-15	<5	Good	Good	Semi-Mature	>50	Wound(s);	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
831	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	20	22	2.4	18.10	1.8	10-15	<5	Good	Fair	Juvenile	15-25	Suppressed; Uncharacteristic form; Wound(s);	Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
832	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	22	25	2.6	21.90	1.8	15-20	<5	Good	Good	Juvenile	>50	Wound(s);	Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
833	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	23	28	2.8	23.93	1.9	15-20	5-10	Good	Good	Juvenile	>50	Wound(s);	Amenity value/shade;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
834	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	23	35	2.8	23.93	2.1	15-20	5-10	Good	Fair	Semi-Mature	15-25	Wound(s);	Amenity value/shade;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
835	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	28	42	3.4	35.47	2.3	15-20	5-10	Good	Fair	Semi-Mature	15-25	Deadwood/stubs > 30mm; Decay; Dieback; Hanger(s); Wound(s);	Amenity value/shade;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
836	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	28	33	3.4	35.47	2.1	15-20	5-10	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Suppressed;	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
837	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	28	3.0	28.27	1.9	15-20	5-10	Good	Fair	Semi-Mature	25-50	Epicormic growth; Wound(s);	Amenity value/shade;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
838	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	20	26	2.4	18.10	1.9	10-15	5-10	Good	Fair	Juvenile	15-25	Suppressed; Wound(s);	Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
839	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	20	26	2.4	18.10	1.9	10-15	<5	Good	Good	Juvenile	>50		Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
840	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	21	26	2.5	19.95	1.9	15-20	5-10	Good	Good	Juvenile	>50		Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
841	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	52	64	6.2	122.33	2.7	15-20	10-15	Fair	Fair	Mature	15-25	Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Fungal fruiting body(s);	Amenity value/shade;		15-09-2020 : Jesse Tree : No survey mark observed. Laetiporus portentosus fungal fruiting body at 3m. This decay organism feeds on heartwood by breaking down cellulose, an organic compound in plant cell walls that provides tensile strength.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
842	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	45	54	5.4	91.61	2.6	15-20	10-15	Fair	Good	Semi-Mature	25-50	Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
843	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	54	70	6.5	131.92	2.8	20-30	10-15	Good	Good	Mature	>50	Deadwood/stubs < 30mm;	Amenity value/shade; Suitable to site conditions; Significant due to age/size;			A	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
844	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	59	73	7.1	157.48	2.9	20-30	15-20	Fair	Fair	Mature	25-50	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Significant habitat - nests/hollows; Amenity value/shade; Attractive landscape feature; Significant due to age/size;		15-09-2020 : Jesse Tree : No survey mark observed. Microbat habitat box.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m2)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
845	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	55	70	6.6	136.85	2.8	20-30	15-20	Fair	Good	Mature	25-50	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Attractive landscape feature; Significant due to age/size;		15-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
846	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	66	80	7.9	197.06	3.0	10-15	5-10	Good	Fair	Mature	15-25	Cavity(s); Epicormic growth; Previous failure(s); Uncharacteristic form; Wound(s);	Amenity value/shade; Within group; Significant due to age/size; Significant habitat - nests/hollows;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse). Terminal failure at ~12m has contributed to poor form that cannot readily be redeemed. Possible cavity forming in failure wound.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
847	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	32	46	3.8	45.24	2.4	10-15	5-10	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
848	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	20	24	2.4	18.10	1.8	15-20	5-10	Good	Poor	Semi-Mature	10-15	Borers/termites; Deadwood/stubs > 30mm; Decay; Suppressed; Uncharacteristic form; Wound(s);	Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse). Termites appear to be an arboreal species. Structure may not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
849	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	33	3.0	28.27	2.1	10-15	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
850	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	27	35	3.2	32.98	2.1	10-15	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
851	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	39	51	4.7	68.81	2.5	10-15	5-10	Fair	Poor	Semi-Mature	<5	Borers/termites; Deadwood/stubs > 100mm; Dieback; Wound(s);	Within group;	Removal;	16-09-2020 : Jesse Tree : No survey mark observed. Wounds represent 50% trunk circumference at 1.5m. Health and structure will not support long-term retention.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
852	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	53	63	6.4	127.08	2.7	20-30	10-15	Fair	Fair	Mature	15-25	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Within group; Amenity value/shade;		16-09-2020 : Jesse Tree : No survey mark observed. Termites appear to be an arboreal species.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
853	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	76	97	9.1	261.30	3.3	20-30	15-20	Poor	Fair	Senescent	5-10	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Excessive thinning; Previous failure(s); Wound(s);	Amenity value/shade; Within group; Significant due to age/size; Significant habitat - nests/hollows; Active nesting by fauna;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse). Termites appear to be an arboreal species. Senescent specimen with habitat value. Tree may be retainable depending on building location and usage within fall zone.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
854	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	50	54	6.0	113.10	2.6	15-20	5-10	Dead	Poor	Mature	0	Borers/termites; Crack(s)/split(s); Deadwood/stubs > 100mm;	Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse). Structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
855	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	50	58	6.0	113.10	2.6	20-30	15-20	Good	Good	Mature	25-50	Deadwood/stubs > 100mm; Suppressed;	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
856	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	21	25	2.5	19.95	1.8	10-15	<5	Good	Good	Juvenile	>50		Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
857	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	53	59	6.4	127.08	2.7	20-30	10-15	Fair	Poor	Mature	5-10	Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Wound(s);	Amenity value/shade; Within group; Significant habitat - nests/hollows;		16-09-2020 : Jesse Tree : No survey mark observed. Habitat box at 5m.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
858	Dead Tree	Dead tree		1	26	34	3.1	30.58	2.1	10-15	5-10	Dead	Poor	Semi-Mature	0	Borers/termites; Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Wound(s);	Within group;	Removal;	16-09-2020 : Jesse Tree : No survey mark observed. Structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
859	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	72	90	8.6	234.52	3.2	20-30	20-30	Fair	Good	Mature	25-50	Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Attractive landscape feature; Within group; Significant due to age/size; Dominant landscape feature; Significant habitat - nests/hollows;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse). Retain any hollow deadwood that might serve as habitat.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
860	Dead Tree	Dead tree		1	37	48	4.4	61.93	2.4	10-15	5-10	Dead	Poor	Mature	0	Borers/termites; Crack(s)/split(s); Deadwood/stubs > 100mm; Decay;			15-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse). Structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
861	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	49	60	5.9	108.62	2.7	20-30	10-15	Dead	Fair	Mature	<5	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Hanger(s); Previous failure(s); Wound(s);	Within group;	Removal;	16-09-2020 : Jesse Tree : No survey mark observed. Tree may be retainable depending on building location and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
862	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	52	63	6.2	122.33	2.7	20-30	15-20	Good	Good	Mature	>50	Deadwood/stubs > 100mm;	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Within group;			A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
863	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	20	2	2.4	18.10	1.5	10-15	<5	Good	Fair	Juvenile	25-50	Borers/termites; Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
864	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	48	60	5.8	104.23	2.7	20-30	10-15	Fair	Good	Mature	25-50	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
865	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	52	62	6.2	122.33	2.7	20-30	10-15	Good	Fair	Mature	15-25	Deadwood/stubs > 30mm; Previous failure(s); Resin exudation/kin; Suppressed; Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
866	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	41	48	4.9	76.05	2.4	20-30	5-10	Fair	Fair	Semi-Mature	15-25	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Significant habitat - nests/hollows; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Retain any hollow deadwood that might serve as habitat.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
867	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	35	45	4.2	55.42	2.4	15-20	5-10	Good	Fair	Semi-Mature	15-25	Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Fair response growth at basal wound. Structure may not support long-term retention.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
868	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	76	89	9.1	261.30	3.2	20-30	15-20	Fair	Fair	Mature	15-25	Borers/termites; Cavity(s); Decay; Previous failure(s);	Amenity value/shade; Significant due to age/size; Within group; Significant habitat - nests/hollows;			B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
869	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	38	3.0	28.27	2.2	15-20	5-10	Good	Fair	Semi-Mature	15-25	Cavity(s); Suppressed; Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : Heavily suppressed. Fair response growth at basal cavity.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
870	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	41	57	4.9	76.05	2.6	15-20	10-15	Good	Good	Semi-Mature	>50		Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
871	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	23	32	2.8	23.93	2.1	10-15	5-10	Fair	Fair	Semi-Mature	15-25	Deadwood/stubs < 30mm; Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Within group;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
872	<i>Corymbia gummlifera</i>	Red Bloodwood	Endemic	1	45	51	5.4	91.61	2.5	20-30	10-15	Fair	Good	Mature	25-50	Borers/termites; Deadwood/stubs > 60mm; Suppressed;	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : Termites appear to be an arboreal species.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
873	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	66	83	7.9	197.06	3.1	20-30	20-30	Good	Fair	Mature	25-50	Bird browsing damage; Deadwood/stubs > 100mm; Previous failure(s); Resin exudation/kin; Wound(s);	Dominant landscape feature; Amenity value/shade; Attractive landscape feature; Within group; Significant due to age/size;			A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
874	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	40	45	4.8	72.38	2.4	15-20	5-10	Fair	Fair	Semi-Mature	10-15	Borers/termites; Cavity(s); Deadwood/stubs > 100mm; Dieback; Epicormic growth; Suckers; Suppressed; Wound(s);	Amenity value/shade; Within group; Significant habitat - nests/hollows;		16-09-2020 : Jesse Tree : No survey mark observed. Retain any hollow deadwood that might serve as habitat.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
875	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	53	72	6.4	127.08	2.9	20-30	15-20	Fair	Good	Mature	25-50	Deadwood/stubs > 100mm; Dieback; Epicormic growth; Hanger(s); Previous failure(s);	Amenity value/shade; Significant habitat - nests/hollows; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Microbat habitat box at 5m. Hanging limbs from failure of nearby tree.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
876	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	30	45	3.6	40.72	2.4	15-20	5-10	Good	Good	Mature	25-50	Deadwood/stubs < 30mm; Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
877	Dead Tree	Dead tree		1	29	39	3.5	38.05	2.2	10-15	5-10	Dead	Fair	Semi-Mature	0	Borers/termites; Crack(s)/split(s); Deadwood/stubs > 100mm; Suppressed; Wound(s);	Within group;	Removal;	16-09-2020 : Jesse Tree : No survey mark observed. Structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
878	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	23	27	2.8	23.93	1.9	15-20	<5	Good	Fair	Semi-Mature	25-50	Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : No survey mark observed. Good response growth forming at wound margins.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
879	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	57	73	6.8	146.98	2.9	20-30	15-20	Good	Good	Mature	25-50	Bird browsing damage; Crossing/rubbing branches; Deadwood/stubs > 100mm; Resin exudation/kin; Wound(s);	Amenity value/shade; Within group; Significant due to age/size;		16-09-2020 : Jesse Tree : Possible bird browsing damage in central crown.	A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
880	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	49	60	5.9	108.62	2.7	20-30	10-15	Fair	Fair	Semi-Mature	10-15	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : Termites appear to be an arboreal species.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
881	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	50	62	6.0	113.10	2.7	20-30	10-15	Fair	Good	Mature	25-50	Deadwood/stubs > 100mm; Epicormic growth; Wound(s);	Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
882	<i>Eucalyptus resinifera</i>	Red Mahogany	Endemic	1	24	37	2.9	26.96	2.2	10-15	5-10	Good	Good	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 60mm; Dieback; Epicormic growth;	Amenity value/shade;	Remove selective branches;	16-09-2020 : Jesse Tree : Remove Northwest 140mm diameter basal stem.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
883	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	20	23	2.4	18.10	1.8	10-15	5-10	Good	Good	Juvenile	>50		Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
884	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	31	32	3.7	43.47	2.1	15-20	5-10	Good	Good	Semi-Mature	>50	Borers/termites; Co-dominant stems;	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : Termites appear to be an arboreal species.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
885	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	68	76	8.2	209.18	2.9	20-30	10-15	Fair	Fair	Mature	15-25	Borers/termites; Co-dominant stems; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Wound(s);	Significant due to age/size; Within group; Amenity value/shade;		16-09-2020 : Jesse Tree : Termites appear to be an arboreal species.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
886	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	62	73	7.4	173.90	2.9	20-30	15-20	Fair	Good	Mature	25-50	Co-dominant stems; Deadwood/stubs > 100mm; Dieback; Epicormic growth;	Amenity value/shade; Significant due to age/size; Within group;			B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
887	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	20	24	2.4	18.10	1.8	10-15	5-10	Good	Good	Juvenile	>50	Co-dominant stems;	Amenity value/shade; Within group;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
888	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	44	51	5.3	87.58	2.5	15-20	10-15	Fair	Fair	Semi-Mature	15-25	Borers/termites; Deadwood/stubs > 100mm; Dieback; Epicormic growth; Suppressed;	Amenity value/shade; Within group;		16-09-2020 : Jesse Tree : Termites appear to be an arboreal species.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m ²)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
889	<i>Eucalyptus resinifera</i>	Red Mahogany	Endemic	1	54	66	6.5	131.92	2.8	20-30	15-20	Good	Good	Mature	>50	Deadwood/stubs > 30mm; Epicormic growth;	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Within group;			A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
890	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	26	29	3.1	30.99	2.0	10-15	5-10	Good	Poor	Semi-Mature	15-25	Co-dominant stems; Included bark; Weak union(s);	Amenity value/shade; Within group;	Remove selective branches;	16-09-2020 : Jesse Tree : No survey mark observed. Remove Southwest 180mm diameter basal stem arising from weak union.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
891	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	86	109	10.3	334.59	3.4	20-30	15-20	Good	Poor	Mature	15-25	Borers/termites; Deadwood/stubs > 100mm; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions; Curious/abnormal growths;		16-09-2020 : Jesse Tree : No survey mark observed. Termites appear to be an arboreal species.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
892	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	22	27	2.6	21.90	1.9	10-15	5-10	Good	Good	Juvenile	25-50		Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
893	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	33	47	4.0	49.27	2.4	15-20	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
894	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	31	36	3.7	43.47	2.2	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm;	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
895	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	38	52	4.6	65.33	2.5	15-20	10-15	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm;	Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
896	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	26	37	3.1	30.58	2.2	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm;	Amenity value/shade; Within group;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
897	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	29	34	3.5	38.05	2.1	15-20	5-10	Good	Good	Semi-Mature	>50	Wound(s);	Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
898	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	58	64	7.0	152.18	2.7	20-30	15-20	Good	Good	Mature	>50	Co-dominant stems; Fungal fruiting body(s);	Curious/abnormal growths; Amenity value/shade; Suitable to site conditions; Within group; Significant due to age/size;			A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
899	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	48	62	5.8	104.23	2.7	15-20	10-15	Good	Good	Mature	>50	Epicormic growth; Wound(s);	Amenity value/shade; Within group;			A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
900	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	41	48	4.9	76.05	2.4	20-30	10-15	Good	Fair	Semi-Mature	25-50	Borers/termites; Deadwood/stubs > 30mm; Previous failure(s); Wound(s);	Amenity value/shade; Within group;		15-09-2020 : Jesse Tree : No survey mark observed. Termites appear to be an arboreal species.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
901	Dead Tree	Dead tree		1	59	87	7.1	157.48	3.1	10-15	<5	Dead	Poor	Mature	<5	Borers/termites; Cavity(s); Previous failure(s); Wound(s);	Significant habitat - nests/hollows;		15-09-2020 : Jesse Tree : No survey mark observed. Burned-out dead with tree habitat value. Tree may be retainable depending on building location and usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
902	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	27	30	3.2	32.98	2.0	15-20	5-10	Good	Fair	Semi-Mature	25-50	Suppressed; Wound(s);	Amenity value/shade; Within group;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
903	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	23	29	2.8	23.93	2.0	10-15	<5	Good	Good	Juvenile	>50	Wound(s);	Amenity value/shade; Within group;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
904	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	33	44	4.0	49.27	2.3	20-30	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm;	Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
905	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	32	38	3.8	46.32	2.2	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Previous failure(s);	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
906	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	34	43	4.1	52.30	2.3	15-20	5-10	Good	Good	Semi-Mature	>50	Previous failure(s);	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
907	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	33	41	4.0	49.27	2.3	15-20	5-10	Good	Good	Semi-Mature	>50	Co-dominant stems; Deadwood/stubs > 30mm; Epicormic growth; Previous failure(s);	Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
908	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	34	39	4.1	52.30	2.2	20-30	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs > 30mm; Wound(s);	Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
909	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	47	57	5.6	99.93	2.6	15-20	10-15	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 100mm; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
910	<i>Allocasuarina torulosa</i>	Forest She-oak	Endemic	1	32	41	3.8	46.32	2.3	10-15	5-10	Fair	Fair	Semi-Mature	10-15	Borers/termites; Dieback; Epicormic growth; Previous failure(s); Wound(s);	Within group;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
911	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	25	29	3.0	28.27	2.0	15-20	5-10	Good	Fair	Semi-Mature	25-50	Suppressed; Wound(s);	Amenity value/shade; Within group;			C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
912	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	33	41	4.0	49.27	2.3	15-20	5-10	Good	Good	Semi-Mature	25-50	Deadwood/stubs > 30mm; Resin exudation/kino;	Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
913	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	24	27	2.9	26.06	1.9	15-20	5-10	Fair	Poor	Semi-Mature	5-10	Previous failure(s); Suppressed; Uncharacteristic form; Wound(s);			15-09-2020 : Jesse Tree : No survey mark observed. Structure will not support long-term retention.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
914	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	25	29	3.0	28.27	2.0	10-15	5-10	Good	Good	Semi-Mature	>50		Amenity value/shade;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
915	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	26	40	3.1	30.58	2.3	10-15	5-10	Dead	Fair	Semi-Mature	<5	Deadwood/stubs > 30mm; Wound(s);		Removal;	15-09-2020 : Jesse Tree : No survey mark observed. Riparian area (within ~10m of watercourse).	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
916	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	25	28	3.0	28.27	1.9	5-10	<5	Good	Fair	Juvenile	15-25	Co-dominant stems;	Screen value; Amenity value/shade;			C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
917	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	Endemic	1	22	25	2.6	21.90	1.8	5-10	<5	Good	Poor	Juvenile	10-15	Co-dominant stems; Included bark; Weak union(s);	Amenity value/shade;	Remove selective branches;	16-09-2020 : Andy Clark : Planted tree situated along western carpark embankment. To improve future structure remove the southern stem back to included union at 2m.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
918	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	26	34	3.1	30.58	2.1	5-10	<5	Good	Fair	Juvenile	15-25	Wound(s);	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated along western carpark embankment.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
919	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	25	28	3.0	28.27	1.9	10-15	<5	Good	Good	Juvenile	25-50		Amenity value/shade; Suitable to site conditions;		16-09-2020 : Andy Clark : Planted tree situated along western carpark embankment.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
920	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	36	46	4.3	58.63	2.4	10-15	<5	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Included bark;	Amenity value/shade; Suitable to site conditions;		16-09-2020 : Andy Clark : Planted tree situated along western carpark embankment.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
921	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	39	47	4.7	68.81	2.4	10-15	<5	Good	Good	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions;		16-09-2020 : Andy Clark : Planted tree situated along western carpark embankment.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
922	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	33	37	4.0	49.27	2.2	10-15	<5	Good	Poor	Semi-Mature	5-10	Co-dominant stems; Included bark; Weak union(s);	Amenity value/shade; Suitable to site conditions;	Remove selective branches;	16-09-2020 : Andy Clark : Planted tree situated along western carpark embankment. To improve future structure, remove the western (carpark aspect) stem back to included union at 2m.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
923	<i>Eucalyptus amplifolia</i>	Cabbage Gum	endemic	1	35	43	4.2	55.42	2.3	10-15	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
924	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	23	30	2.8	23.93	2.0	5-10	<5	Good	Good	Juvenile	15-25		Amenity value/shade; Screen value;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
925	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	30	38	3.6	40.72	2.2	10-15	<5	Good	Good	Juvenile	25-50	Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
926	<i>Casuarina glauca</i>	Swamp she-oak	Endemic	1	16	28	2.0	12.57	1.9	5-10	<5	Good	Fair	Juvenile	10-15	Co-dominant stems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
927	<i>Eucalyptus amplifolia</i>	Cabbage Gum	endemic	1	34	39	4.1	52.30	2.2	10-15	5-10	Good	Fair	Juvenile	15-25	Co-dominant stems; Included bark; Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
928	<i>Eucalyptus amplifolia</i>	Cabbage Gum	endemic	1	36	42	4.3	58.63	2.3	10-15	5-10	Good	Fair	Juvenile	15-25	Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
929	<i>Eucalyptus amplifolia</i>	Cabbage Gum	endemic	1	33	40	4.0	49.27	2.3	10-15	5-10	Good	Fair	Juvenile	10-15	Co-dominant stems; Included bark; Soil problems; Weak union(s);	Amenity value/shade;	Remove selective branches;	16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed. To improve future structure, remove the northern stem back to included union at 6m.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
930	<i>Eucalyptus amplifolia</i>	Cabbage Gum	endemic	1	12	13	2.0	12.57	1.5	<5	<5	Good	Poor	Juvenile	<5	Epicormic growth; Heaved root plate; Soil problems; Weak union(s);		Removal;	Planted tree situated within western carpark garden bed. Tree has previously failed at root plate and been removed with current stem epicormic growth from heaved stump.	U		Remove tree irrespective of future development.
931	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	1	19	21	2.3	16.33	1.7	5-10	<5	Good	Fair	Juvenile	15-25	Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
932	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	26	35	3.1	30.58	2.1	5-10	<5	Good	Good	Juvenile	15-25	Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
933	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	27	35	3.2	32.98	2.1	10-15	<5	Good	Good	Semi-Mature	25-50	Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
934	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	28	33	3.4	35.47	2.1	10-15	<5	Good	Poor	Semi-Mature	10-15	Co-dominant stems; Included bark; Soil problems; Weak union(s);	Amenity value/shade;	Remove selective branches;	16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed. To improve future structure, remove the western subdominant stem back to included union at 2m.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
935	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	1	17	23	2.0	13.07	1.8	5-10	<5	Good	Fair	Juvenile	15-25	Abnormal lean; Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
936	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	28	2.6	21.90	1.9	5-10	<5	Good	Good	Juvenile	15-25	Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
937	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	22	27	2.6	21.90	1.9	5-10	<5	Good	Good	Juvenile	25-50	Soil problems;	Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
938	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	1	16	27	2.0	12.57	1.9	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).

Tree no.	Botanical Name	Common Name	Origin	Trees in group	DBH Total (cm)	DRC (cm)	Radial TPZ (m)	TPZ area (m ²)	Radial SRZ (m)	Tree Height (m)	Canopy (m)	Health	Structure	Age	TLE (Yrs.)	Defects	Significance	Action (irrespective of development)	Arborist comments	Tree Quality Score	Tree Retention value subcategory	Recommendation
939	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	51	60	6.1	117.67	2.7	15-20	10-15	Good	Fair	Semi-Mature	25-50	Cavity(s); Co-dominant stems; Wound(s);	Significant habitat - nests/hollows; Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.. Good response growth observed around small cavity opening on northern stem at 5m.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
940	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	16	20	2.0	12.57	1.7	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
941	<i>Eucalyptus sp.</i>	Eucalypt	Endemic	1	14	18	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	25-50		Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
942	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	42	46	5.0	79.80	2.4	10-15	5-10	Good	Fair	Semi-Mature	25-50	Crossing/rubbing branches; Previous failure(s); Wound(s);	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
943	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	13	16	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	15-25		Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
944	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	29	36	3.5	38.05	2.2	10-15	<5	Good	Fair	Semi-Mature	15-25	Suppressed;	Within group; Amenity value/shade;		16-09-2020 : Andy Clark : Planted tree situated within western carpark garden bed.. Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
945	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	10	16	2.0	12.57	1.5	5-10	<5	Good	Fair	Juvenile	15-25	Suppressed;	Amenity value/shade; Within group;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
946	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	Endemic	1	50	55	6.0	113.10	2.6	15-20	10-15	Good	Fair	Semi-Mature	15-25	Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
947	<i>Eucalyptus fibrosa</i>	Broad-leaved Ironbark	Endemic	1	33	42	4.0	49.27	2.3	10-15	5-10	Good	Fair	Semi-Mature	15-25	Cavity(s); Epicormic growth; Suppressed;	Amenity value/shade; Significant habitat - nests/hollows;		16-09-2020 : Andy Clark : 2 x small cavity openings within main trunk at 7m, western aspect.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
948	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	20	27	2.4	18.10	1.9	5-10	5-10	Good	Good	Juvenile	>50		Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
949	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	43	52	5.2	83.65	2.5	15-20	5-10	Good	Good	Semi-Mature	>50	Deadwood/stubs < 30mm; Wound(s);	Amenity value/shade;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
950	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	55	69	6.6	136.85	2.8	20-30	15-20	Good	Good	Mature	25-50	Deadwood/stubs > 30mm; Resin exudation/kin; Wound(s);	Amenity value/shade; Attractive landscape feature;			A	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
951	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	33	38	4.0	49.27	2.2	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs > 30mm;	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
952	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	26	28	3.1	30.58	1.9	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Deadwood/stubs < 30mm;	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
953	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	73	110	8.8	241.08	3.4	15-20	<5	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Within group;		16-09-2020 : Andy Clark : Asymmetrical crown shape due to suppression from neighbouring tree.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
954	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	27	30	3.2	32.98	2.0	15-20	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems; Resin exudation/kin; Wound(s);	Amenity value/shade; Within group;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
955	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	19	23	2.3	16.33	1.8	10-15	5-10	Good	Good	Juvenile	>50	Wound(s);	Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
956	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	33	41	4.0	49.27	2.3	15-20	10-15	Good	Good	Semi-Mature	>50		Amenity value/shade; Attractive landscape feature;			B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
957	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	9	12	2.0	12.57	1.5	5-10	<5	Good	Good	Juvenile	>50	Crossing/rubbing branches;	Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
958	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	81	91	9.7	296.81	3.2	20-30	20-30	Good	Fair	Mature	15-25	Crack(s)/split(s); Crossing/rubbing branches; Deadwood/stubs > 60mm; Excessive end weight; Hanger(s); Previous failure(s); Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size; Dominant landscape feature; Unique location;	End weight reduction;	16-09-2020 : Jesse Tree : Reduce the end weight of lengthy east branch over road by ~15%.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
959	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	50	58	6.0	113.10	2.6	20-30	10-15	Good	Good	Mature	>50	Deadwood/stubs > 30mm; Hanger(s); Wound(s);	Amenity value/shade; Attractive landscape feature;		16-09-2020 : Jesse Tree : Hanging limbs over garden.	A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
960	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	Endemic	1	54	60	6.5	131.92	2.7	20-30	10-15	Fair	Good	Mature	25-50	Crossing/rubbing branches; Deadwood/stubs > 60mm; Dieback; Epicormic growth; Previous failure(s); Soil grade changes;	Amenity value/shade; Attractive landscape feature;		16-09-2020 : Jesse Tree : Prune to remediate conflicting 100mm diameter branch in lower crown.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
961	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	52	57	6.2	122.33	2.6	20-30	10-15	Fair	Good	Mature	25-50	Deadwood/stubs > 60mm; Dieback; Hanger(s);	Amenity value/shade;		16-09-2020 : Jesse Tree : Live canopy is at 50-60% density.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
962	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	48	55	5.8	104.23	2.6	20-30	10-15	Good	Good	Semi-Mature	>50	Co-dominant stems;	Amenity value/shade; Attractive landscape feature;			A	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
963	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	56	67	6.7	141.87	2.8	20-30	10-15	Good	Good	Mature	>50	Bird browsing damage; Hanger(s); Resin exudation/kin; Wound(s);	Amenity value/shade; Attractive landscape feature; Significant due to age/size;		16-09-2020 : Jesse Tree : Minor bird browsing wound in lower south crown.	A	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
964	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	40	50	4.8	72.38	2.5	15-20	10-15	Good	Fair	Semi-Mature	25-50	Suppressed;	Amenity value/shade; Attractive landscape feature;		16-09-2020 : Jesse Tree : Heavily suppressed form.	B	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
965	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	17	2.0	12.57	1.6	5-10	<5	Good	Good	Juvenile	>50		Amenity value/shade;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
966	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	12	20	2.0	12.57	1.7	5-10	<5	Good	Fair	Juvenile	>50	Co-dominant stems;	Amenity value/shade;	Formative pruning;	16-09-2020 : Jesse Tree : Formatively prune to remove poorly attached or crossing branches, favour a single leader, and promote good branching structure.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
967	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	27	32	3.2	32.98	2.1	10-15	5-10	Good	Good	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions;			C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
968	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	34	40	4.1	52.30	2.3	10-15	5-10	Good	Good	Semi-Mature	25-50		Amenity value/shade; Suitable to site conditions;		17-09-2020 : Andy Clark : Down slope from existing fire track.	C	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
969	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	38	45	4.6	65.33	2.4	5-10	5-10	Fair	Poor	Senescent	5-10	Cavity(s); Decay; Epicormic growth; Previous failure(s); Weak union(s); Wound(s);	Significant habitat - nests/hollows;		17-09-2020 : Andy Clark : Significant fire damage makes long term retention unviable. Burnt out basal cavity, dead trunk with a skin of epicormic growth.	C	1	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
970	<i>Syncarpia glomulifera</i>	Turpentine	Endemic	1	56	66	6.7	141.87	2.8	10-15	<5	Fair	Fair	Mature	10-15	Epicormic growth; Previous failure(s); Wound(s);	Amenity value/shade; Within group;		17-09-2020 : Andy Clark : Down slope from existing fire trail.	B	2	Retain tree with generic protection requirements (i.e. protective fencing and restriction of activities within the TPZ).
971	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	25	28	3.0	28.27	1.9	10-15	5-10	Good	Good	Semi-Mature	25-50	Wound(s);	Amenity value/shade; Suitable to site conditions;		17-09-2020 : Andy Clark : 1m from existing fire trail.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
972	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	59	69	7.1	157.48	2.8	20-30	15-20	Good	Fair	Mature	25-50	Co-dominant stems; Previous failure(s); Suppressed; Wound(s);	Amenity value/shade; Suitable to site conditions;		17-09-2020 : Andy Clark : Minor crown suppression from neighbouring tree.	B	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
973	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	53	60	6.4	127.08	2.7	20-30	10-15	Good	Fair	Mature	25-50	Deadwood/stubs < 30mm; Previous failure(s); Wound(s);	Amenity value/shade; Suitable to site conditions;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
974	<i>Eucalyptus paniculata</i>	Grey Ironbark	Endemic	1	53	59	6.4	127.08	2.7	20-30	10-15	Good	Fair	Mature	25-50	Wound(s);			17-09-2020 : Andy Clark : Good response growth observed around lower trunk wound with no fungal fruiting bodies or significant decay observed.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
975	Dead Tree	Dead tree		1	76	84	9.1	261.30	3.1	15-20	10-15	Dead	Fair	Mature	5-10	Borers/termites; Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Suitable to site conditions; Significant habitat - nests/hollows;		17-09-2020 : Andy Clark : Dead tree with cavities within old branch stubs observed. Habitat stag potential pending usage within fall zone.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
976	Dead Tree	Dead tree		1	39	44	4.7	68.81	2.3	5-10	<5	Dead	Poor	Senescent	<5	Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);			17-09-2020 : Andy Clark : Dead tree with no obvious habitat hollows.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
977	Dead Tree	Dead tree		1	52	58	6.2	122.33	2.6	15-20	<5	Dead	Poor	Senescent	5-10	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Previous failure(s); Weak union(s); Wound(s);	Within group; Significant habitat - nests/hollows;		17-09-2020 : Andy Clark : Dead tree with cavities within old branch stubs observed.	C	1	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
978	<i>Eucalyptus acmenoides</i>	White Mahogany	Endemic	1	72	96	8.6	234.52	3.3	20-30	15-20	Good	Good	Mature	25-50	Epicormic growth; Previous failure(s); Wound(s);	Significant due to age/size; Within group; Suitable to site conditions; Amenity value/shade;			A	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
979	<i>Eucalyptus resinifera</i>	Red Mahogany	Endemic	1	36	38	4.3	58.63	2.2	15-20	5-10	Good	Good	Semi-Mature	25-50	Wound(s);	Amenity value/shade; Suitable to site conditions; Within group;			B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
980	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	67	84	8.0	203.08	3.1	15-20	10-15	Fair	Poor	Senescent	10-15	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Suppressed; Weak union(s); Wound(s);	Significant habitat - nests/hollows; Significant due to age/size; Amenity value/shade; Within group;		17-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
981	<i>Eucalyptus piperita</i>	Sydney Peppermint	Endemic	1	85	105	10.2	326.85	3.4	20-30	15-20	Fair	Poor	Senescent	10-15	Cavity(s); Crack(s)/split(s); Deadwood/stubs > 100mm; Decay; Dieback; Epicormic growth; Previous failure(s); Suppressed; Weak union(s); Wound(s);	Amenity value/shade; Within group; Significant habitat - nests/hollows; Significant due to age/size;		17-09-2020 : Andy Clark : Specimen entering senescence, habitat stag potential pending usage within fall zone. Cavities observed within upper stem. Significant lower trunk fire damage makes long term retention unviable.	B	3	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
982	<i>Angophora costata</i>	Smooth-barked Apple Myrtle	Endemic	1	44	52	5.3	87.58	2.5	15-20	10-15	Good	Good	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade;		17-09-2020 : Andy Clark : 1m from existing fire trail.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
983	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	41	51	4.9	76.05	2.5	15-20	10-15	Good	Good	Semi-Mature	25-50		Amenity value/shade; Within group;		17-09-2020 : Andy Clark : 1m from existing fire trail.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
984	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	47	56	5.6	99.93	2.6	15-20	5-10	Good	Good	Semi-Mature	25-50		Amenity value/shade;		17-09-2020 : Andy Clark : 1m from existing fire trail.	B	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
985	<i>Corymbia maculata</i>	Spotted Gum	Endemic	1	26	32	3.1	30.58	2.1	10-15	5-10	Good	Fair	Semi-Mature	15-25	Co-dominant stems; Resin exudation/kin; Wound(s);	Amenity value/shade;		17-09-2020 : Andy Clark : 2m from existing fire trail.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.
986	<i>Eucalyptus punctata</i>	Grey Gum	Endemic	1	33	40	4.0	49.27	2.3	10-15	5-10	Good	Fair	Semi-Mature	25-50	Co-dominant stems;	Amenity value/shade; Suitable to site conditions;		17-09-2020 : Andy Clark : 2m from existing fire trail.	C	2	Remove - tree located within proposed development footprint or has major encroachment into its TPZ.

Appendix H. Additional Images



Figure 23. An image of the proposed building, carpark location, temporary site access, bushfire APZ, etc . (MJD Environmental, March 2021).

Appendix I. Additional Mapping



Figure 24. Site map showing 523 x Category C trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).

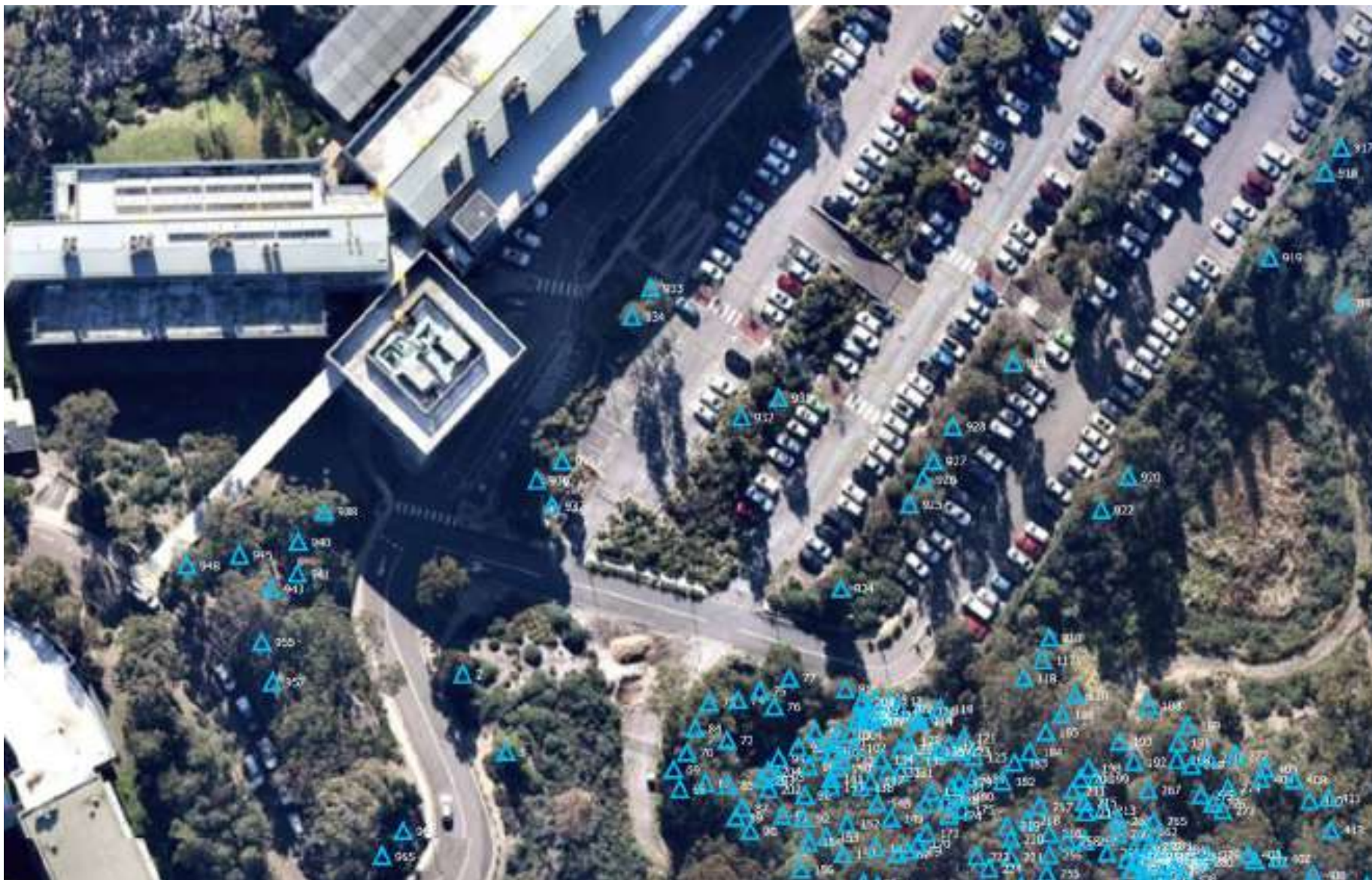


Figure 25. Site Map 1 showing Category C trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).



Figure 26. Site Map 2 showing Category C trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).



Figure 27. Site Map 3 showing Category C trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).



Figure 28. Site Map 4 showing Category C trees. Tree attributes are to be obtained from Appendix G – Tree Assessment Data. (ArborSafe, February 2021).

Appendix J. Species Information

Species Information Sheet

Species Name: *Angophora costata*

Common Name: Smooth-barked Apple Myrtle

Family: Myrtaceae

Origin: New South Wales to Southern Queensland coastal strip. Common on sandstone areas of Sydney and on dry ridges west of Bodalla

Mature growing height: 20—22 metres

Mature canopy spread: 16—18 metres

Dimensional category: Large

Form on site: Irregular/Rounded

Maintenance: Moderate leaf and twig fall. Exfoliating bark (shed annually)

Foliage: Evergreen

Useful Life Expectancy (ULE): 50—80 years

Pest & disease susceptibility: Nil

Structural issues: Nil

Habitat value: Nectar - birds bats mammals. Local species

Seasonal display: Smooth reddish pink bark prolific white flowers November to December

Tolerances:

- Wind exposure – Semi-tolerant
- Salt wind exposure – Semi-tolerant
- Heat exposure – Tolerant
- Drought – Tolerant
- Heat exposure – Tolerant
- Cold exposure – Tolerant to minus 3°C
- Soil drainage – Well drained
- Soil fertility – Low
- Pruning for services – Not suitable for positions beneath powerlines
- Distance from road or excavation – 5 metres



Species Information Sheet

Species Name: *Corymbia gummifera*

Common Name: Red Bloodwood

Family: Myrtaceae

Origin: Eastern Australia. North East Victoria to Northern Queensland

Mature growing height: 12—14 metres

Mature canopy spread: 10—12 metres

Dimensional category: Medium

Form on site: Oval/Rounded Spreading

Maintenance: Moderate flower and fruit capsules. Persistent bark

Foliage: Evergreen

Useful Life Expectancy (ULE): 50—80 years

Pest & disease susceptibility: Nil

Structural issues: Nil

Habitat value: Nectar, Resin - Gliders

Seasonal display: White flowers December to March

Tolerances:

- Wind exposure – Semi-tolerant
- Salt wind exposure – Semi-tolerant
- Heat exposure – Tolerant
- Drought – Tolerant
- Heat exposure – Tolerant
- Cold exposure – Tolerant to minus 3°C
- Soil drainage – Well drained
- Soil fertility – Low to Moderate
- Pruning for services – Not suitable for positions beneath powerlines
- Distance from road or excavation – 4 metres



Species Information Sheet

Species Name: *Corymbia maculata*

Common Name: Spotted Gum

Family: Myrtaceae

Origin: Common in coastal and subcoastal regions of Southern New South Wales but sporadically occurs north as far as Southern Queensland. Relictual community also occurs in Eastern Victoria near Buchan

Mature growing height: 15—20 metres

Mature canopy spread: 8—12 metres

Dimensional category: Large

Form on site: Oval/Rounded spreading

Maintenance: Moderate leaf and twig fall. Exfoliating bark (shed annually)

Foliage: Evergreen

Useful Life Expectancy (ULE): 50—80 years

Pest & disease susceptibility: Myrtle Rust. White Lace Lerp

Structural issues: Nil

Habitat value: Moderate

Seasonal display: Smooth mottled whitish grey trunk All year

Tolerances:

- Wind exposure – Sheltered position preferred
- Salt wind exposure – Sensitive
- Heat exposure – Tolerant
- Drought – Tolerant
- Heat exposure – Tolerant
- Cold exposure – Tolerant to minus 2°C
- Soil drainage – Well drained
- Soil fertility – Moderate
- Pruning for services – Not suitable for positions beneath powerlines
- Distance from road or excavation – 5 metres



Species Information Sheet

Species Name: *Eucalyptus acmenioides*

Common Name: White Mahogany

Family: Myrtaceae

Origin: New South Wales Coast to Northern Queensland

Mature growing height: 20—22 metres

Mature canopy spread: 12—14 metres

Dimensional category: Large

Form on site: Irregular rounded

Maintenance: Moderate leaf and twig fall. Persistent bark (no bark shed)

Foliage: Evergreen

Useful Life Expectancy (ULE): 50—80 years

Pest & disease susceptibility: Myrtle Rust

Structural issues: Nil

Habitat value: Nectar and pollen source birds and bees

Seasonal display: White flowers. Rough fibrous bark
November to January

Tolerances:

- Wind exposure – Semi-tolerant
- Salt wind exposure – Not known
- Heat exposure – Semi-tolerant
- Drought – Semi-tolerant
- Heat exposure – Semi-tolerant
- Cold exposure – ?
- Soil drainage – Well drained
- Soil fertility – High
- Pruning for services – Not suitable for positions beneath powerlines
- Distance from road or excavation – 5 metres



Species Information Sheet

Species Name: *Eucalyptus paniculata*

Common Name: Grey Ironbark

Family: Myrtaceae

Origin: New South Wales Coastal zone from South Coast to North Coast

Mature growing height: 20—22 metres

Mature canopy spread: 12—14 metres

Dimensional category: Large

Form on site: Irregular rounded

Maintenance: Moderate leaf and twig fall. Persistent bark (no bark shed)

Foliage: Evergreen

Useful Life Expectancy (ULE): 50—80 years

Pest & disease susceptibility: Nil

Structural issues: Nil

Habitat value: Nectar and pollen source birds and bees

Seasonal display: Coarse dark grey furrowed bark All year

Tolerances:

- Wind exposure – Semi-tolerant
- Salt wind exposure – Semi-tolerant
- Heat exposure – Semi-tolerant
- Drought – Semi-tolerant
- Heat exposure – Semi-tolerant
- Cold exposure – Sensitive
- Soil drainage – Well drained
- Soil fertility – Moderate to high
- Pruning for services – Not suitable for positions beneath powerlines
- Distance from road or excavation – 5 metres



Species Information Sheet

Species Name: *Eucalyptus punctata*

Common Name: Grey Gum

Family: Myrtaceae

Origin: New South Wales Coastal zone from South Coast to Hunter Valley and Tablelands

Mature growing height: 14—16 metres

Mature canopy spread: 10—12 metres

Dimensional category: Medium to Large

Form on site: Irregular rounded, variable depending on soil condition

Maintenance: Moderate leaf and twig fall. Exfoliating bark (shed annually)

Foliage: Evergreen

Useful Life Expectancy (ULE): 50—80 years

Pest & disease susceptibility: Myrtle Rust

Structural issues: Nil

Habitat value: Nectar source birds and Flying foxes. Koala food tree

Seasonal display: Smooth grey bark with rusty orange patches November to December

Tolerances:

- Wind exposure – Tolerant
- Salt wind exposure – Not known
- Heat exposure – Tolerant
- Drought – Tolerant
- Heat exposure – Tolerant
- Cold exposure – Sensitive
- Soil drainage – Well drained
- Soil fertility – Low to Moderate
- Pruning for services – Not suitable for positions beneath powerlines
- Distance from road or excavation – 5 metres



Species Information Sheet

Species Name: *Syncarpia glomulifera*

Common Name: Turpentine

Family: Myrtaceae

Origin: East Coast Australia. New South Wales to Queensland

Mature growing height: 16—18 metres

Mature canopy spread: 12—14 metres

Dimensional category: Large

Form on site: Conical to Broad elliptical

Maintenance: Small seed capsules and moderate foliage shedding

Foliage: Evergreen

Useful Life Expectancy (ULE): 80 years +

Pest & disease susceptibility: Nil

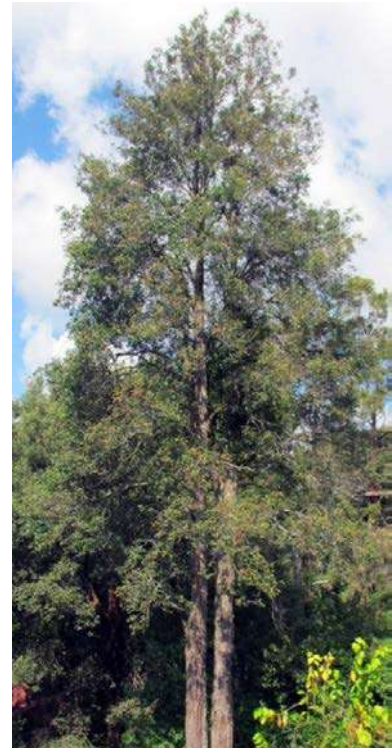
Structural issues: Often forms multiple co-dominant leaders and occasional included bark

Habitat value: Moderate (nectar)

Seasonal display: Small clusters of white flowers September to November

Tolerances:

- Wind exposure – Semi-tolerant
- Salt wind exposure – Semi-tolerant
- Heat exposure – Semi-tolerant
- Drought – Sensitive
- Heat exposure – Semi-tolerant
- Cold exposure – Tolerant to minus 2°C
- Soil drainage – Moderate
- Soil fertility – Moderate
- Pruning for services – Not suitable for positions beneath powerlines
- Distance from road or excavation – 6 metres



Species Information Sheet

Species Name: *Eucalyptus piperita*

Common Name: Sydney Peppermint

Family: Myrtaceae

Origin: Coastal plains, ranges and the eastern side of the tablelands of NSW from Bateman's Bay north to Nambucca south of Taree

Mature growing height: 15—20 metres

Mature canopy spread: 10—15 metres

Dimensional category: Medium

Form on site: Irregular rounded

Maintenance: Moderate leaf and twig fall. Persistent bark (no bark shed)

Foliage: Evergreen

Useful Life Expectancy (ULE): 100 + years

Pest & disease susceptibility: Nil

Structural issues: Nil

Habitat value: Nectar and pollen source birds and bees

Seasonal display: Small clusters of white flowers Generally April - May

Tolerances:

- Wind exposure – Semi-tolerant
- Salt wind exposure – Not known
- Heat exposure – Semi-tolerant
- Drought – Tolerant
- Heat exposure – Semi-tolerant
- Cold exposure – Tolerant
- Soil drainage – Well drained
- Soil fertility – Low to Moderate
- Pruning for services – Not suitable for positions beneath powerlines



Species Information Sheet

Species Name: *Eucalyptus umbra*

Common Name: Broad-leaved White Mahogany

Family: Myrtaceae

Origin: Coastal distribution north from Sydney to Grafton usually on level to elevated sites

Mature growing height: 4–25 metres

Mature canopy spread: 10—15 metres

Dimensional category: Small to Medium

Form on site: Oval/Rounded spreading

Maintenance: Moderate bark, leaf and twig fall.

Foliage: Evergreen

Useful Life Expectancy (ULE): 80 + years

Pest & disease susceptibility: Nil

Structural issues: Nil

Habitat value: Nectar and pollen source birds and bees

Seasonal display: Small clusters of white flowers September - December

Tolerances:

- Wind exposure – Semi-tolerant
- Salt wind exposure – Not known
- Heat exposure – Semi-tolerant
- Drought – Tolerant
- Heat exposure – Semi-tolerant
- Cold exposure – Tolerant
- Soil drainage – Well drained
- Soil fertility – Low to Moderate
- Pruning for services – Not suitable for positions beneath powerlines



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