

Memo — Information Request Response – George Alexander Way, Coomera

Coomera GA Pty Ltd
30 June 2023

Job 11241



Introduction

The Environmental Management Division of Saunders Havill Group (SHG) was engaged by Coomera GA Pty Ltd to provide a response to the Information Request (2302-33455 SRA) issued by SARA for their site located at 54 George Alexander Way, Coomera, Queensland 4209.

Given the planning intent of the site, the dominance of current and future surrounding urban land uses, and current barriers to Koala connectivity, that the changes requested by SARA in the issued Information Request (IR) are not reasonable to achieve and will not result in any additional benefit to Koala in the context of the landscape challenges surrounding this site. Some minor changes to the development layout have occurred as part of the response to the City of Gold Council IR which are reflected in the updated Impact Assessment Plan and Koala Management Plan.

This response to the SARA IR provides additional context around the planning intent for the site and surrounding locality and projected changes that are set to occur to Koala habitat within these areas. Zoning under the *Gold Coast City Plan 2015* requiring the delivery of medium to high residential development is present on-site in addition to the Local Government Infrastructure Plan (LGIP) which is required to be included in development planning.

In addition, it is understood that there are areas of Koala habitat within the subject site that are at present able to be cleared within the definition of 'exempted development' under Schedule 24 of the *Planning Regulation 2017* (PR) including for bushfire risk mitigation. While these exemptions were not originally detailed as part in the development application, the exempted development provisions available under the Planning Framework have been stepped out in detail in this response memo to demonstrate the areas that can already be cleared without assessment.

The following attachments are included:

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- Updated Proposal Plan – **Attachment A**
- Koala Habitat Area Exempted Development – **Attachment B**
- Koala Habitat Area Impact Assessment – **Attachment C**
- Bushfire Mitigation Report – **Attachment D**
- Updated Koala Connectivity Plan – **Attachment E**
- Updated Koala Management Plan – **Attachment F**

A response to the specific items of the Information Request is provided in **Table 1** and a discussion of how the definition of exempted development applies to the site is provided below.

Planning Regulation 2017 – exempted development

It is understood that the Planning Regulation framework allows for the clearing of native vegetation within Koala habitat areas as ‘exempted development’, defined under Schedule 24 of the PR, such as for the mitigation of bushfire risk. Areas identified as exempted development are not assessable by the State for impacts on Koala habitat.

A portion of the Koala Habitat Area on-site is considered to meet the definition of exempted development. These areas are shown on the Koala Habitat Area Exempted Development Plan located at **Attachment B** with proposed impacts shown on the Koala Habitat Area Impact Assessment Plan at **Attachment C**. Of the total 1.65 hectares (ha) of area required to be cleared for the development, 1.26 ha can be cleared as exempted development without triggering assessment. The remaining 0.39 ha of KHA required to be impacted is assessable development. An explanation of how the exempted development definition is applied to the site is provided below.

Item (k) – 500 m² clearing exemption

Item (k) under the exempted development definition states that an area of 500 m² or less of 1 or more koala habitat areas being cleared of native vegetation can occur on a premises. This area has been located outside of other exempted development areas and is shown on the Koala Habitat Area Exempted Development Plan at **Attachment B**.

Item (n) (vii) – essential management

Item (n) of the exempted development definition states that “development that is or involves operational work that is the clearing of native vegetation in a koala habitat area if the clearing—(vii) is necessary for essential management and is qualifying clearing.”

It is understood that where proposed clearing is in accordance with the definition of essential management, it is exempted development and not prohibited development. Under essential management, it is accepted to clear for a necessary firebreak, up to 1.5 times the height of the tallest adjacent vegetation to the infrastructure, or 20 metres (m), whichever is the greater in width, or for establishing a necessary fire management line if the maximum width of the clearing, if the maximum width of the clearing is 10 m. A Bushfire Mitigation Report and tree survey was prepared in July 2022 by Eldon Bottcher Architect Pty Ltd which utilised this definition and the tree heights on-site to recommend a 45 m bushfire buffer area be established around the existing dwelling on-site, extending from the subdivision to the north and from the

existing dwellings to the east. Refer to **Attachment D** for the report. In addition, essential management also allows for the establishment of a 10 m fire management line. The Bushfire Mitigation Report recommends a 10 m fire management line along the southern boundary of the subject site to provide buffer to the vegetated lot to the south. These measures have been recommended by a qualified Bushfire consultant for the protection of the tenant on-site and adjoining residents from bushfire risk in an area where firebreaks do not currently exist. A total of 0.95 ha including 174 Non-Juvenile Koala Habitat Trees (NJKHTs) can be cleared for essential management.

Table 1: Response to Information Request Items

Issue	Action	SHG Comments
Interfering with mapped koala habitat areas (KHA)		
The application material has not discussed the western portion of the lot and how the remaining mapped KHA on site will be protected in perpetuity. As such, insufficient information has been provided to demonstrate compliance with PO6-PO11 of State code 25 of SDAP. The application material should discuss legal security measures such as environmental covenants or land dedication where appropriate to protect remaining areas of the site which could be suitable for rehabilitation.	Provide a report prepared by a suitably qualified ecologist that: (a) Identifies areas of existing mapped KHA on site and investigates mechanisms to protect these areas through a legal security mechanism such as an environmental covenant. (b) Identifies areas of the site that may be suitable for planting of koala habitat trees. (c) Provides a map or shape file of the location of the covenant area. (d) Provides details of improvements to the identified covenant areas by removing weeds and planting koala food trees endemic to the site (based on the site's regional ecosystem).	The western portion of the site is zoned as high density residential under the <i>Gold Coast City Plan 2015</i> and is to be set aside for future development under this planning intent. The habitat within this area is not proposed to be retained or protected as it would not be consistent with the planning intent to support high density urban housing. The location of the site within the Coomera Urban Centre substantially limits the potential for broad and even minor habitat retention on-site as ultimately, the use of the surrounding landscape by Koala is not supported under the current planning intent. It is considered that retaining habitat on-site in what will eventually become an isolated pocket of habitat is not a favourable outcome for Koala and may cause further detriment to the species due to increased threats associated with highly urban landscapes i.e., vehicle strike and dogs. A considerable portion of the site's KHA is also able to be cleared as exempted development for essential management, as recommended in the attached Bushfire Mitigation Report. This substantially reduces the area of land that is assessable development under the State Code. The remaining areas which are predominantly located in the western portion of the site are not appropriate for habitat retention as the vegetation fronts onto George Alexander Way (vehicle threats) and is located over an area zoned as high density residential.
The application material does not demonstrate any mitigation of impacts to the mapped KHA and as such does not	Provide additional information to demonstrate compliance with PO5 and PO11, including:	KHA is not proposed to be retained on-site under the proposal due to provisions of the Gold Coast City Plan placing increased emphasis on transitioning the land to urban housing.

Issue	Action	SHG Comments
demonstrate compliance with PO5 and PO11 of State code 25 of SDAP.	(a) Retaining mapped KHA in locations that will allow koalas to use and move through the site. (b) Retaining mapped KHA which have been identified through an ecological survey as being of higher use for koalas (e.g., retaining components of KHA with more records or other signs of koala use (i.e., scats or tree scratching) or areas that contain koala habitat trees preferred by koalas (e.g., blue gum). (c) Retaining particular mapped koala habitat trees that koalas are using which have been identified through an ecological survey and ensuring that koalas can move safely between the koala habitat tree and other mapped KHA. (d) Improving degraded mapped KHA that are to be retained on the site by removing weeds and planting koala food trees endemic to the site (based on the sites regional ecosystem(s)). (e) Minimising impacts on retained habitat and koalas using the area by: i. providing a buffer between development and any retained koala habitat and/or	The site is highly constrained by the local planning instrument as it is zoned for medium and high density residential and contains a provision for a trunk recreation park and community facilities infrastructure under the LGIP in the eastern portion of the site. This mapping also extends to the north and south of the site. It is noted that under the LGIP, this area is to serve as providing amenity rather than ecological function and as such is not suitable for the retention of habitat trees. Retaining a portion of the habitat on-site within the area proposed for development would result in the creation of isolated pockets of retained habitat which is not conducive for Koala movement or safety from threats.

Issue	Action	SHG Comments
	ii. managing edge effects on retained koala habitat including: ○ changes in soil condition, such as nutrients and erosion ○ altered hydrological flow ○ the introduction or increase of weed and exotic plant species ○ disturbances to vegetation ○ a modified fire regime ○ the introduction of predators to koalas ○ increased light, noise or dust.	
The application material has not demonstrated how the design of the proposed development will not adversely impact the movement of koalas through the site in accordance with PO2, PO4, PO7 and PO9 of State code 25 of SDAP.	Provide the following information, prepared by a suitably qualified ecologist: (a) Any actions that will be undertaken on land retained to avoid fragmenting mapped KHA that will improve connectivity between mapped KHA (e.g., removing barriers, revegetating with koala habitat trees, the density of plantings, the distance between planted trees, encouraging natural revegetation, incorporating principles of koala-sensitive design (described in the Koala-sensitive design guideline)).	The site is located within the Coomera Urban Centre and consequently, the site is zoned for medium and high density residential with an area of trunk recreation park and community facilities mapped in the eastern portion of the site under the Local Government Infrastructure Plan (LGIP). The site, and immediately adjoining areas are therefore not intended to support on-going Koala movement or fauna presence generally. Significant impediments and barriers to safe Koala movement are already present within the broader landscape surrounding the site. For example, the area north of the site has been entirely cleared and is currently undergoing earthworks for the construction of houses. Similarly, there are areas to the south of the site which have been cleared where the Koala habitat mapping remains. Refer to Koala connectivity plan at Attachment E.

Issue	Action	SHG Comments
	(b) Provides an assessment of the connectivity values and safe koala movement opportunities that would exist on the site post-development. (c) Identifies barriers to movement that will be proposed by the development (e.g. established roads, fences, and retaining walls, introduction of residential threats such as pools and dogs and areas without koala habitat trees that increase the time koalas would need to spend on the ground). (d) Outlines measures that will be undertaken to ensure koalas can move safely within and between highly connected patches of koala habitat area. (e) Provides justification for why the proposed measures are suitable for providing safe koala movement opportunities.	The vegetation present within the landscape presently does not accurately represent the habitat values which will remain in perpetuity within the Coomera area, with the area zoned for residential development and multiple residential developments proposed in the immediate surrounding areas. The large patch of vegetation to the west of the site (west of George Alexander Way) is a proposed masterplanned development which will ultimately require the majority of the vegetation present to be cleared for residential development. The site will retain some trunk ecological corridors, however, will not be designed to connect to areas east of George Alexander Way including the habitat on-site. In addition to the proposed residential developments and already cleared areas of KHA, there are a number of general barriers preventing Koala movement. This includes a number of hazardous roads including George Alexander Way which bounds the site to the west, Foxwell Road located approximately 300 m to the south, and Finnegan Way located approximately 250 m to the east, and medium density residential areas located to the north and east. Retained vegetation areas for Koala movement to the east are minimal with vegetation areas highly constricted and neighbouring on established residential areas and/or roads. A functional landscape connection between the site and these areas is not feasible as it is not part of the planning intent for the area. A large corridor is located approximately 600 m east of the site; however, it is not considered a logical outcome to promote Koala movement onto the site as it will ultimately become isolated and surrounded by urban development.
The application material has not demonstrated the development will avoid fragmenting koala habitat or provide for	Provide the following information, prepared by a suitably qualified ecologist:	The site is located within the Coomera Urban Centre and consequently, the site is zoned for medium and high density residential with an area of trunk recreation park and community facilities mapped under the LGIP in

Issue	Action	SHG Comments
connectivity and safe koala movement opportunities, particularly given the large patch of mapped KHA to the west. As such the proposal does not demonstrate compliance with PO1-PO2, PO4 and PO6-PO9 of State code 25 of SDAP.	(a) A demonstration of how habitat connectivity will be maintained by retaining existing connections between mapped KHA and/or identified corridors including: i. the dimensions of the area (e.g., length by width) proposed to be retained to avoid fragmenting mapped KHA ii. the composition of the area retained (e.g., does the area contain remnant or regrowth vegetation, what are the flora species in the retained area, does it contain mapped KHA, other native or non-native vegetation, is the area cleared, what is the location and distance between mapped KHA or individual trees) iii. any actions that will be undertaken to avoid fragmenting mapped KHA that will improve connectivity between mapped KHA (e.g., removing barriers, revegetating with koala habitat trees, incorporating principles of koala-sensitive design (described	the eastern portion of the site. The site, and immediate adjoining areas are therefore not intended to support on-going Koala movement or fauna presence generally. Significant impediments and barriers to safe Koala movement are already present within the broader landscape surrounding the site. For example, the area north of the site has been entirely cleared and is now a completed subdivision. Similarly, there are areas to the south of the site which have been cleared where the Koala habitat mapping remains. Refer to Koala connectivity plan at Attachment E. The vegetation present within the landscape presently does not accurately represent the habitat values which will remain in perpetuity within the Coomera area, with the area zoned for residential development and multiple residential developments proposed in the immediate surrounding areas. The large patch of vegetation to the west of the site (west of George Alexander Way) is a proposed masterplanned development which will ultimately require the majority of the vegetation present to be cleared for residential development. The site will retain some trunk ecological corridors, however, will not be designed to connect to areas east of George Alexander Way including the habitat on-site. In addition to the proposed residential developments and already cleared areas of KHA, there are a number of general barriers preventing Koala movement. This includes a number of hazardous roads including George Alexander Way which bounds the site to the west, Foxwell Road located approximately 300 m to the south, and Finnegan Way located approximately 250 m to the east, and medium density residential areas located to the north and east. Retained vegetation areas for Koala movement to the east are minimal with vegetation areas highly constricted and neighbouring on established residential areas and/or

Issue	Action	SHG Comments
	in the Koala sensitive design guideline)) iv. management actions to ensure corridor functionality is maintained as anticipated v. discussion on why those areas are suitable for maintaining connectivity for koala movement (with consideration to the points mentioned on page 11 of the State code 25 Guideline). (b) A description of measures that will be undertaken to ensure koalas can move safely within and between connected patches of mapped KHA. (c) A justification for why the proposed measures are suitable for providing safe koala movement opportunities. (d) An assessment of the connectivity values and safe koala movement opportunities that would exist on the site post-development.	roads. A functional landscape connection between the site and these areas is not feasible or part of the planning intent for the area. A large corridor is located approximately 600 m east of the site; however, it is not considered a logical outcome to promote Koala movement onto the site as it will ultimately become isolated and surrounded by urban development.
The application materials have not discussed or considered rehabilitation that could occur on site. As such the proposal	The applicant should provide a report prepared by an appropriately qualified ecologist that details:	Rehabilitation measures are not proposed as part of this proposal. Areas of suitable habitat retention are not identified on-site, attributed to the intent of the site and the surrounding areas to be transitioned to urban development. Areas of vegetation not proposed to be impacted would

Issue	Action	SHG Comments
does not demonstrate compliance with PO5 and PO11 of State code 25 of SDAP.	(a) The locations of any areas proposed to be protected and/or rehabilitated. (b) Rehabilitation plans for any proposed rehabilitation. (c) Consideration and feasibility of improving degraded mapped KHA that are to be retained on the site by removing weeds and planting koala food trees endemic to the site (based on the sites regional ecosystem(s)).	become isolated within the landscape, limiting the value of the habitat and potentially opening the Koala up to increased levels of threats.
The application material has not sufficiently demonstrated that impacts to matters of State Environmental Significance (MSES), being the mapped KHA, have been avoided, minimised and mitigated despite evidence of koala on site. As such the proposal does not demonstrate compliance with PO5 and PO11 of State code 25 of SDAP.	The applicant should provide a report prepared by an appropriately qualified ecologist that: - Identifies all MSES on site, being the mapped KHA, and provides a likelihood of occurrence list for this MSES based on the habitat values found on site. - Demonstrates how impacts to the identified MSES, being the mapped KHA, have been avoided to the greatest extent possible. - Where all or part of the MSES, being the mapped KHA, cannot be avoided, demonstrate how any impacts to MSES that cannot be	KHA and MSES habitat are not proposed to be retained on-site due to the requirement under the Gold Coast City Plan to deliver medium and high density residences on-site. A combination of desktop and on-ground assessments indicate that Koala have previously utilised the site and surrounding areas, likely in a transient capacity as no individuals were observed during surveys. Significant residual impacts on KHA / MSES habitat are proposed to be compensated for via a monetary offset.

Issue	Action	SHG Comments
	avoided have been minimised and mitigated to the greatest extent possible (e.g., through alteration of proposed development configuration (multi-story instead of single-story buildings, smaller development footprint, planting on site, etc)). • Provides a significant residual impact assessment for any residual impact on the MSES, being the mapped KHA, (after all avoidance, minimisation and mitigation measures have been demonstrated) in accordance with: ○ Chapter 2A of the Queensland Environmental Offsets Policy for koala habitat ○ Quantifies the maximum extent of proposed significant residual impact to the MSES both in area (ha) and on a plan.	

Summary

It is acknowledged that the performance outcomes of the State Code 25 provide the mechanism for protecting Koala habitat at the site scale. The location of the subject site, however, presents a number of difficulties for delivering an outcome that satisfies the performance outcomes. This includes the planning intent for the site, the surrounding landscape-wide development in progress, and the prevalence of existing threats to Koala and anticipated future threats immediately adjoining the site.

The context of the site, being an area earmarked for medium and high density residential development with current and future development proposed surrounding the site, reduces the site's suitability for Koala habitat retention. Long-term connectivity values will be highly limited, with a masterplanned development located to the west of George Alexander Way, a completed subdivision to the north and proposed development uses to the south. The request within this IR to retain Koala habitat in the western portion of the lot does not present a viable option for maintaining or enhancing Koala activity within the area as the habitat will become isolated within the landscape and proximal to a high level of threats including George Alexander Way to the west and encroaching development.

The landscape is being slowly transitioned into urban land uses, in line with the local planning instrument. It is considered a more preferable outcome for the Koala to consolidate larger areas of habitat not located at the interface of urban development. For this reason, the retention of Koala habitat on-site will not serve Koala in the long-term.

Additionally, a large portion of the site's land is able to be cleared under the Planning Regulation framework's definition of exempted development including bushfire mitigation measures to protect the on-site tenant and residents to the north and east of the site from bushfire risk. These areas identified as exempted development should be excluded from the assessment of impacts to Koala habitat. Under this, a total of 0.39 ha of Koala habitat containing 104 NJKHTs are assessable impacts (refer Attachment

Attachment A

Updated Proposal Plan

STAGING PLAN - STAGE 1

NOT TO BE USED FOR ENGINEERING DESIGN
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NOTES

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No reliance should be placed on the information on this plan for detailed subdivision design or for any financial dealings involving the land.

Pavements and centrelines shown are indicative only and are subject to Engineering Design.

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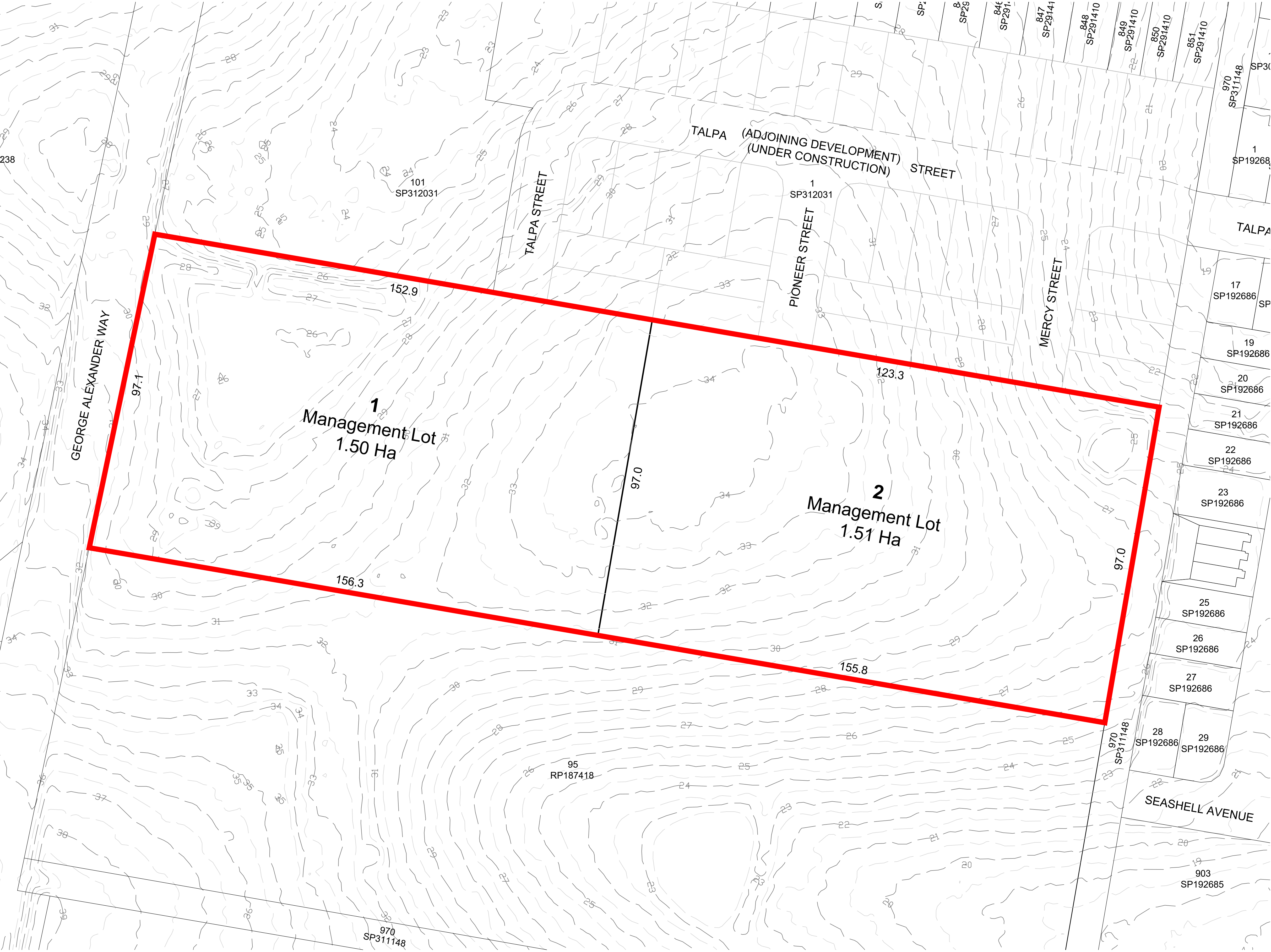
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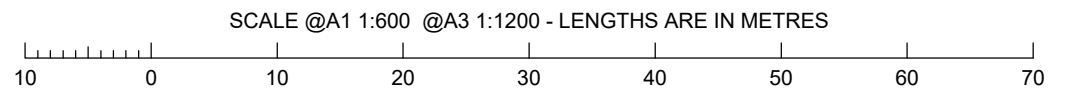
SUBJECT BOUNDARIES FROM LOT CALCULATIONS BY SAUNDERS
HAVILL GROUP DATED 12/01/2023

LEGEND

- Site Boundary
- Major Contour (1.0m interval)
- Minor Contour (0.5m interval)

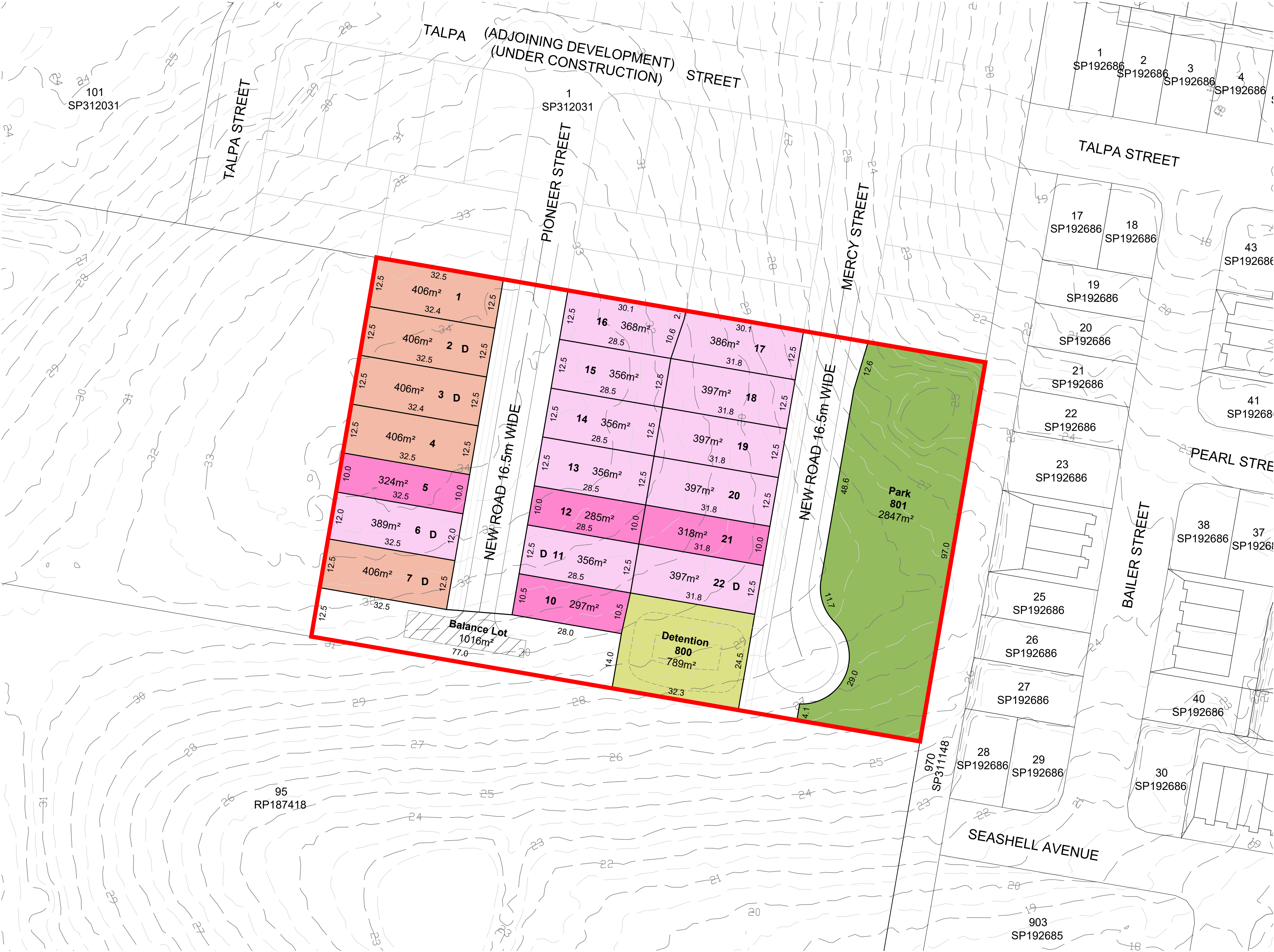


RP DESCRIPTION: LOT 96 on RP187417



COOMERA GA PTY LTD ATF THE COOMERA GA UNIT

STAGING PLAN - STAGE 2



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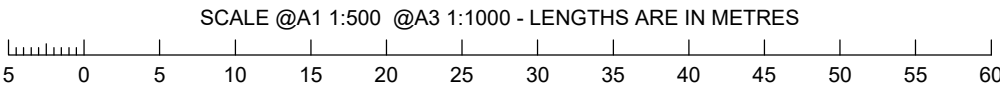
SUBJECT BOUNDARIES FROM LOT CALCULATIONS BY SAUNDERS
HAVILL GROUP DATED 12/01/2023

LEGEND

- Site Boundary
- Major Contour (1.0m interval)
- Minor Contour (0.5m interval)
- Dual Occupancy Lots
- Proposed Temporary Turnaround Easement

DEVELOPMENT STATISTICS - Stage 2			
RESIDENTIAL ALLOTMENTS	No. Lots	%	Net Area
<350m²	4	20.0%	0.122 ha
350m² - < 400m²	11	55.0%	0.416 ha
400m² - < 450m²	5	25.0%	0.203 ha
Total Residential Allotments	20	100.0%	0.741 ha
Net Residential Area (Ha)	0.741	—	—
Land Budget	Area (Ha)	%	
Area of Subject Site / Stage	1.510 ha		
Net Residential Area (no roads)	0.741 ha	49.1%	
Detention / Drainage	0.079 ha	5.2%	
Park	0.285 ha	18.9%	
Balance Lot	0.102 ha	6.8%	
Road Areas	0.303 ha	20.1%	
Total	1.510 ha	100.0%	

RP DESCRIPTION: LOT 96 on RP187417



COOMERA GA PTY LTD ATF THE COOMERA GA UNIT

STAGING PLAN - STAGE 3

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SUBJECT BOUNDARIES FROM LOT CALCULATIONS BY SAUNDERS
HAVILL GROUP DATED 12/01/2023

LEGEND

- Site Boundary
 Major Contour (1.0m interval)
 Minor Contour (0.5m interval)
 Staging Boundary
 Stage No.

DEVELOPMENT STATISTICS - Stage C			
RESIDENTIAL ALLOTMENTS	No. Lots	%	Net Area
350m ² - < 400m ²	1	50.0%	0.039 ha
400m ² - < 450m ²	1	50.0%	0.041 ha
Total Residential Allotments	2	100.0%	0.080 ha
Net Residential Area (Ha)	0.080	—	—
Land Budget	Area (Ha)	%	
Area of Subject Site / Stage	0.102 ha	—	
Net Residential Area (no roads)	0.080 ha	78.4%	
Road Areas	0.022 ha	21.6%	
Total	0.102 ha	100.0%	

RP DESCRIPTION: LOT 96 on RP187417

SCALE @A1 1:500 @A3 1:1000 - LENGTHS ARE IN METRES



COOMERA GA PTY LTD ATF THE COOMERA GA UNIT

54 GEORGE ALEXANDER WAY, COOMERA ■ 21/06/2023 ■ 11241 P 03 Rev D - STG 03

PLAN OF DEVELOPMENT



NOT TO BE USED FOR ENGINEERING DESIGN OR CONSTRUCTION

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SUBJECT BOUNDARIES FROM LOT CALCULATIONS BY SAUNDERS HAVILL GROUP DATED 12/01/2023

LEGEND

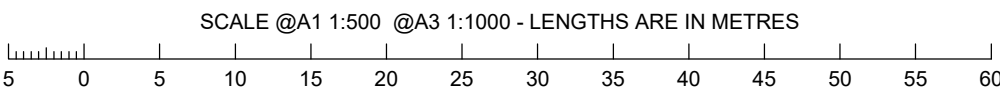
- Site Boundary
- Major Contour (1.0m interval)
- Minor Contour (0.5m interval)
- Dual Occupancy Lots
- Optional Built to Boundary Wall
- Indicative Driveway Location

GENERAL NOTES:

- Lots with an area <400m² to comply with City Plan v9 Small Lot Housing (infill) code and relevant zone code except as varied in Table 1.
- Lots with an area between 400m² to 499m² to comply with Queensland Development Code MP1.1 except as varied in Table 1.
- Lots with an area >450m² and over to comply with Queensland Development Code MP1.2 except as varied in Table 1.
- Building Height does not exceed 2 storeys and maximum of 9m.
- Optional Built to Boundary Wall Location
 - Built to boundary walls are permitted on specified boundaries only.
 - Built to boundary walls are to have a maximum length of 3.5m. No windows or openings are to be built along the built to boundary wall.

Minimum Requirements	Ground Floor	First Floor
Front Setback - Primary Frontage	3m to OMP	4.5m to OMP
Front Setback - Garage	6m	N/A
	1m behind front wall or balcony	
Side & Rear (where not built to boundary)	1m to OMP	1.5m to OMP
Secondary Frontage (Corner Lot)	2m OMP	
Site Cover	60% maximum	

RP DESCRIPTION: LOT 96 on RP187417

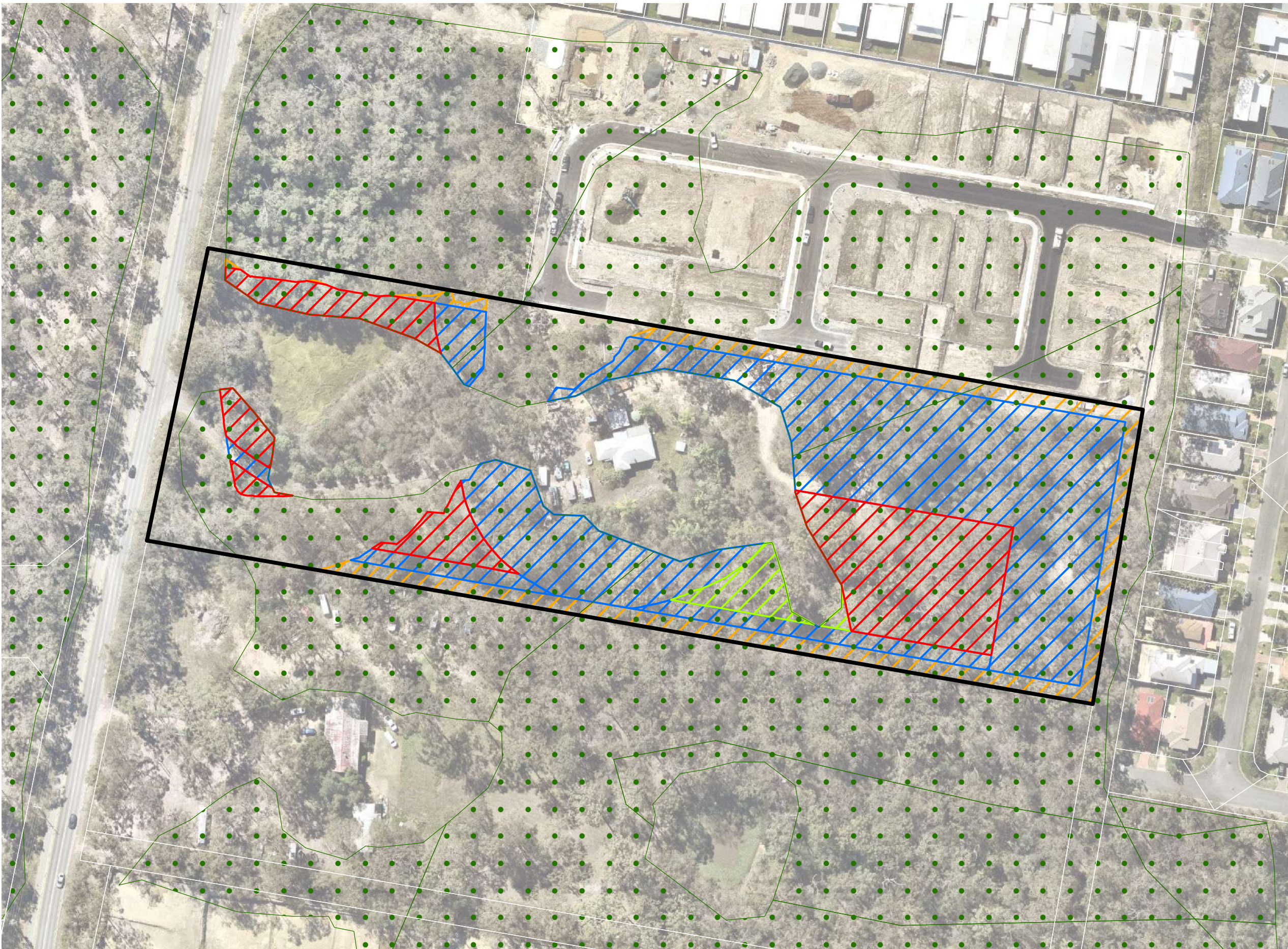


COOMERA GA PTY LTD ATF THE COOMERA GA UNIT

Attachment B

Koala Habitat Area Exempted
Development

1.0 Koala Habitat Area Exempted Development



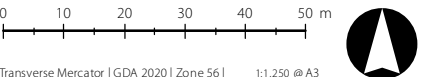
Notes:
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- Legend
- Site DCDB
 - Qld DCDB
 - Koala Habitat Areas (KHA)
 - Koala Habitat Area that can be cleared under exempted development (k) 500 m2 exemption [0.05 ha]
 - Koala Habitat Area that can be cleared under exempted development (i) (i) boundary clearing [0.26 ha]
 - Koala Habitat Area that can be cleared under exempted development (n) (vii) essential management [0.95 ha]
 - Koala Habitat Area not under exempted development [0.39 ha]

Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW

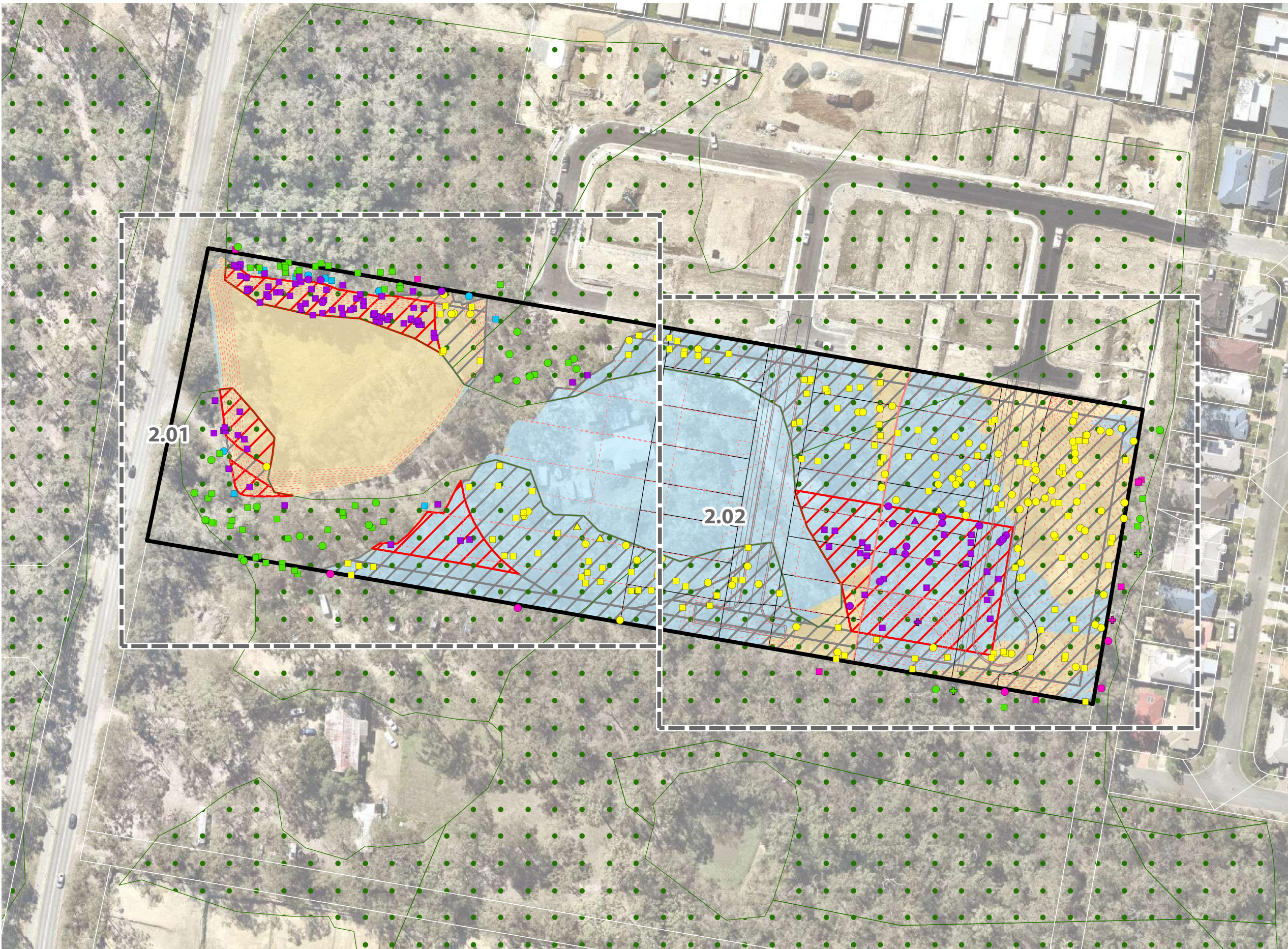


Transverse Mercator | GDA 2020 | Zone 56 | 1:1,250 @ A3

Attachment C

Koala Habitat Area Impact Assessment

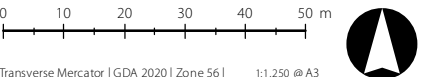
2.00 Koala Habitat Area Impact Assessment



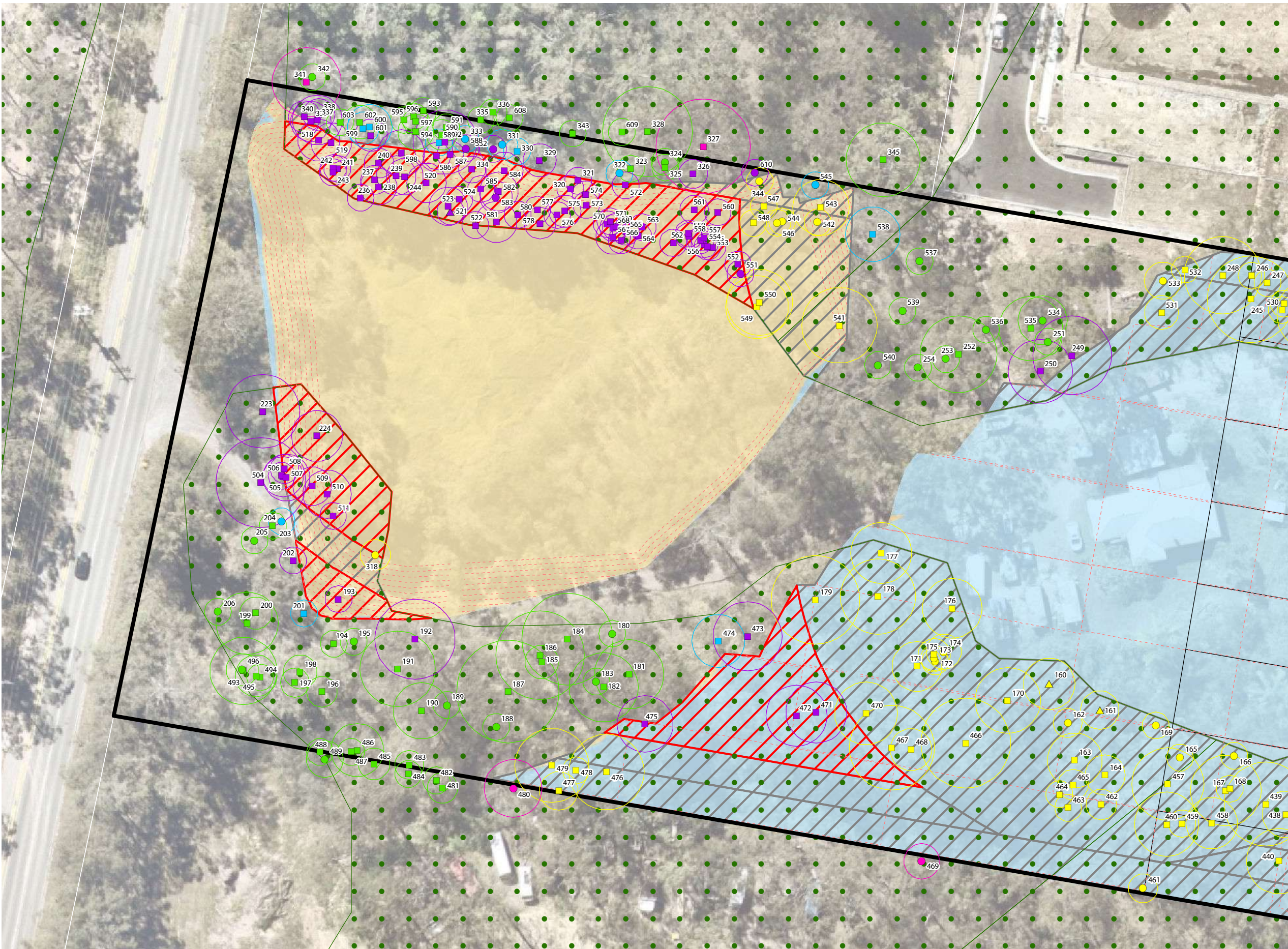
Notes:
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- Legend**
- Site DCDB
 - Qld DCDB
 - Koala Habitat Areas (KHA)
 - Koala habitat that can be cleared as exempted development under Planning Regulation 2017
 - Koala habitat to be impacted outside of definition of exempted development [0.39 ha]
- Engineering Detail**
- Proposed Lot Boundaries
 - Proposed Road Design
 - Design Contours
 - Earthworks (Extent of Cut)
 - Earthworks (Extent of Fill)
- GPS Tree Plot within KHA**
- Non-juvenile Koala habitat tree [50]
 - Native tree [22]
 - Dead/stag tree [2]
 - Non-juvenile Koala habitat tree retention subject to arborist assessment [7]
 - Native tree retention subject to arborist assessment [5]
 - Non-juvenile Koala habitat tree in neighbouring lot, retention subject to arborist assessment [8]
 - Native tree in neighbouring lot, retention subject to arborist assessment [5]
 - Dead/stag tree in neighbouring lot, retention subject to arborist assessment [1]
 - Non-juvenile Koala habitat tree to remove [102]
 - Native tree to remove [19]
 - Dead/stag tree to remove [1]
 - Introduced species/environmental weed to remove [2]
 - Non-juvenile Koala habitat tree to remove as exempted development [124]
 - Native tree to remove as exempted development [85]
 - Introduced species/environmental weed to remove as exempted development [3]

Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW



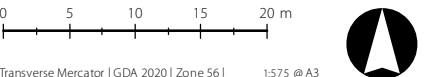
2.01 Koala Habitat Area Impact Assessment



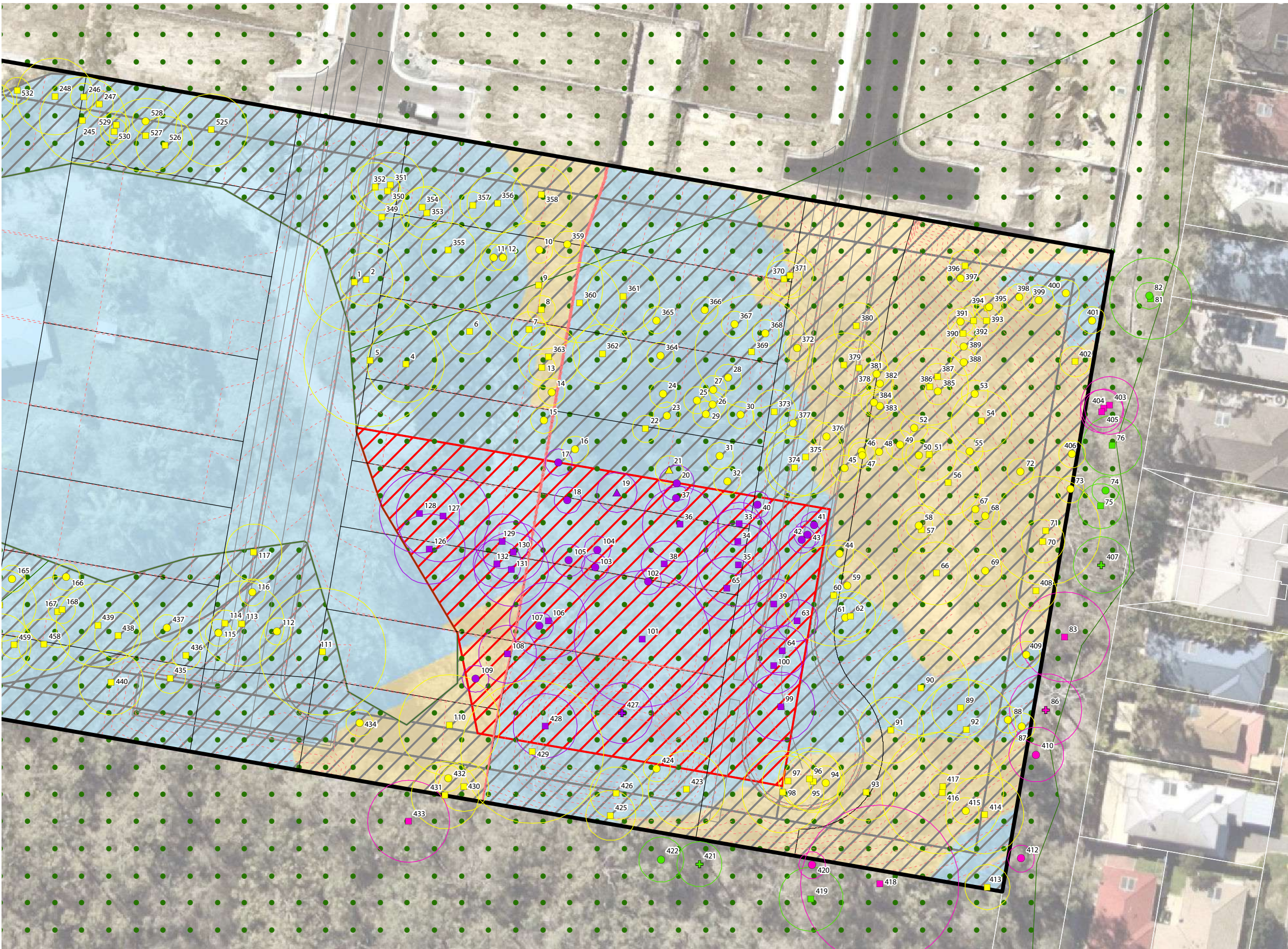
Notes:
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- Legend**
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- Engineering Detail**
- Proposed Lot Boundaries
 - Proposed Road Design
 - Design Contours
 - Earthworks (Extent of Cut)
 - Earthworks (Extent of Fill)
- GPS Tree Plot within KHA (w/ TPZ)**
- Non-juvenile Koala habitat tree [50]
 - Native tree [22]
 - Dead/stag tree [2]
 - Non-juvenile Koala habitat tree retention subject to arborist assessment [7]
 - Native tree retention subject to arborist assessment [5]
 - Non-juvenile Koala habitat tree in neighbouring lot, retention subject to arborist assessment [8]
 - Native tree in neighbouring lot, retention subject to arborist assessment [5]
 - Dead/stag tree in neighbouring lot, retention subject to arborist assessment [1]
 - Non-juvenile Koala habitat tree to remove [102]
 - Native tree to remove [19]
 - Dead/stag tree to remove [1]
 - Introduced species/environmental weed to remove [2]
 - Non-juvenile Koala habitat tree to remove as exempted development [124]
 - Native tree to remove as exempted development [85]
 - Introduced species/environmental weed to remove as exempted development [3]

Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW



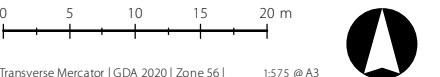
2.02 Koala Habitat Area Impact Assessment



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 - Qld DCDB
 - Koala Habitat Areas (KHA)
 - Koala habitat that can be cleared as exempted development under Planning Regulation 2017
 - Koala habitat to be impacted outside of definition of exempted development [0.39 ha]
- Engineering Detail**
- Proposed Lot Boundaries
 - Proposed Road Design
 - Design Contours
 - Earthworks (Extent of Cut)
 - Earthworks (Extent of Fill)
- GPS Tree Plot within KHA (w/ TPZ)**
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 - Dead/stag tree to remove [1]
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 - Non-juvenile Koala habitat tree to remove as exempted development [124]
 - Native tree to remove as exempted development [85]
 - Introduced species/environmental weed to remove as exempted development [3]

Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW



Specimen Details											Canopy Condition Details						Trunk Condition Details					Fauna Details and Habitat Value						Additional Details		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes
1	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	620		620	195	28.0	16.0	7.4	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
2	<i>Corymbia intermedia</i>	Pink Bloodwood	330		330	104	6.0	3.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
3	<i>Acacia concurrens</i>	Black Wattle	110	90	142	45	4.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
4	<i>Eucalyptus microcorys</i>	Tallowwood	340	340	481	151	16.0	7.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	Trunk Dmg.	-	Typical	-	-	-	-	-	-	Remove	-
5	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	830		830	261	27.0	14.0	10.0	3.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
6	<i>Corymbia intermedia</i>	Pink Bloodwood	280		280	88	12.0	6.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
7	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	220		220	69	15.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove	-
8	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	170		170	53	7.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
9	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	800		800	251	28.0	16.0	9.6	3.0	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termite nest	-	Remove	-
10	<i>Acacia concurrens</i>	Black Wattle	120		120	38	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
11	<i>Acacia concurrens</i>	Black Wattle	130		130	41	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-
12	<i>Acacia concurrens</i>	Black Wattle	110		110	35	5.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
13	<i>Corymbia citriodora</i>	Spotted Gum	110		110	35	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
14	<i>Acacia concurrens</i>	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
15	<i>Acacia concurrens</i>	Black Wattle	120		120	38	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
16	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
17	<i>Acacia concurrens</i>	Black Wattle	140		140	44	6.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
18	<i>Allocasuarina littoralis</i>	Black She-oak	110		110	35	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
19	<i>Syagrus romanzoffiana</i>	Cocos Palm	250		250	79	6.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
20	<i>Allocasuarina littoralis</i>	Black She-oak	220		220	69	7.0	4.0	2.6	1.8	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
21	<i>Schefflera actinophylla</i>	Umbrella Tree	150	90	175	55	7.0	3.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
22	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	100		100	31	5.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove	-
23	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
24	<i>Allocasuarina littoralis</i>	Black She-oak	110		110	35	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
25	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
26	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
27	<i>Allocasuarina littoralis</i>	Black She-oak	110		110	35	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
28	<i>Allocasuarina littoralis</i>	Black She-oak	150		150	47	7.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
29	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
30	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
31	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
32	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
33	<i>Eucalyptus microcorys</i>	Tallowwood	270		270	85	14.0	6.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
34	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	410		410	129	18.0	10.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
35	<i>Corymbia citriodora</i>	Spotted Gum	520		520	163	22.0	12.0	6.2	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
36	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	470		470	148	20.0	10.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	-	Trunk Dmg.	-	Typical	-	-	-	-	-	-	Remove	-
37	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
38	<i>Corymbia intermedia</i>	Pink Bloodwood	290		290	91	14.0	7.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
39	<i>Corymbia citriodora</i>	Spotted Gum	310		310	97	18.0	5.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
40	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
41	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
42	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
43	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
44	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
45	<i>Allocasuarina littoralis</i>	Black She-oak	110		110	35	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
46	<i>Allocasuarina littoralis</i>	Black She-oak	140		140	44	7.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	Small	-	-	Remove	-	
47	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
48	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
49	<i>Allocasuarina littoralis</i>	Black She-oak	180		180	57	7.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
50	<i>Acacia concurrens</i>	Black Wattle	130		130	41	7.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
51	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	340		340	107	21.0	8.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
52	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
53	<i>Allocasuarina littoralis</i>	Black She-oak	150		150	47	6.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
54	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	380		380	119	21.0	8.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
55	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
56	<i>Corymbia citriodora</i>	Spotted Gum	410		410	129	23.0	11.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
57	<i>Corymbia intermedia</i>	Pink Bloodwood	300		300	94	16.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
58	<i>Allocasuarina littoralis</i>	Black She-oak	120		120	38	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
59	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
60	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	630		630	198	22.0	12.0	7.6	2.7	Regular	-	-	-	-	-	Typical	-	-	Trunk Dmg.	-	Typical	-	-	-	-	-	-	Remove	-	
61	<i>Acacia concurrens</i>	Black Wattle	250		250	79	6.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	Minor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
62	<i>Corymbia citriodora</i>	Spotted Gum	310		310	97	18.0	8.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
63	<i>Corymbia citriodora</i>	Spotted Gum	260		260	82	18.0	7.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
64	<i>Corymbia citriodora</i>	Spotted Gum	310		310	97	18.0	7.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
65	<i>Corymbia citriodora</i>	Spotted Gum	300	260	397	125	20.0	8.0	4.8	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
66	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	390		390	123	23.0	11.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
67	<i>Allocasuarina littoralis</i>	Black She-oak	120		120	38	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
68	<i>Acacia disparrima</i>	Hickory Wattle	110		110	35	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
69	<i>Acacia disparrima</i>	Hickory Wattle	200		200	63	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
70	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	270		270	85	12.0	6.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
71	<i>Corymbia citriodora</i>	Spotted Gum	680		680	214	24.0	14.0	8.2	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
72	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
73	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
74	<i>Acacia concurrens</i>	Black Wattle	170		170	53	6.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
75	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	280		280	88	12.0	6.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
76	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	370		370	116	20.0	10.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
77	<i>Allocasuarina littoralis</i>	Black She-oak	110		110	35	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
78	<i>Acacia concurrens</i>	Black Wattle	120	110	163	51	4.0	3.0	2.0	1.5	Regular	-	-	Die-back	-	-	Typical	-	-	Trunk Dmg.	-	Typical	-	-	-	-	-	-	Retain	-	
79	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
80	<i>Acacia concurrens</i>	Black Wattle	130		130	41	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
81	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	510		510	160	21.0	10.0	6.1	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
82	<i>Acacia disparrima</i>	Hickory Wattle	140		140	44	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
83	<i>Corymbia citriodora</i>	Spotted Gum	560		560	176	23.0	10.0	6.7	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
84	<i>Corymbia citriodora</i>	Spotted Gum	280		280	88	17.0	7.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
85	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	510		510	160	25.0	12.0	6.1	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
86	DEAD/STAG		450		450	141	24.0	12.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
87	Acacia disparrima	Hickory Wattle	140	90	166	52	5.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
88	Allocasuarina littoralis	Black She-oak	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
89	Corymbia citriodora	Spotted Gum	370		370	116	18.0	7.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
90	Eucalyptus fibrosa	Broad-leaved Red Ironbark	600		600	188	26.0	14.0	7.2	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
91	Corymbia citriodora	Spotted Gum	410		410	129	21.0	12.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
92	Eucalyptus microcorys	Tallowwood	450	420	616	193	20.0	14.0	7.4	2.7	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
93	Corymbia citriodora	Spotted Gum	360		360	113	23.0	10.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
94	Allocasuarina littoralis	Black She-oak	210		210	66	5.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
95	Eucalyptus microcorys	Tallowwood	380		380	119	18.0	9.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
96	Corymbia citriodora	Spotted Gum	390		390	123	21.0	12.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
97	Corymbia citriodora	Spotted Gum	320		320	101	21.0	7.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
98	Eucalyptus fibrosa	Broad-leaved Red Ironbark	510		510	160	25.0	15.0	6.1	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
99	Corymbia citriodora	Spotted Gum	330	270	426	134	16.0	6.0	5.1	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
100	Corymbia citriodora	Spotted Gum	350		350	110	20.0	10.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
101	Corymbia citriodora	Spotted Gum	850		850	267	23.0	12.0	10.2	3.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
102	Acacia melanoxylon	Australian Blackwood	110		110	35	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
103	Acacia disparrima	Hickory Wattle	150		150	47	6.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
104	Acacia concurrens	Black Wattle	120		120	38	5.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
105	Acacia disparrima	Hickory Wattle	200		200	63	5.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
106	Eucalyptus microcorys	Tallowwood	480		480	151	22.0	10.0	5.8	2.4	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
107	Acacia disparrima	Hickory Wattle	150		150	47	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
108	Corymbia citriodora	Spotted Gum	360		360	113	20.0	10.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
109	Acacia concurrens	Black Wattle	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
110	Eucalyptus microcorys	Tallowwood	630		630	198	24.0	14.0	7.6	2.7	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
111	Eucalyptus fibrosa	Broad-leaved Red Ironbark	790		790	248	23.0	15.0	9.5	3.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termite nest	-	Remove	-	
112	Allocasuarina littoralis	Black She-oak	160		160	50	6.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
113	Eucalyptus fibrosa	Broad-leaved Red Ironbark	530		530	167	18.0	7.0	6.4	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termite nest	-	Remove	-	
114	Corymbia intermedia	Pink Bloodwood	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
115	Acacia disparrima	Hickory Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
116	Acacia concurrens	Black Wattle	150		150	47	5.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
117	Corymbia intermedia	Pink Bloodwood	350		350	110	20.0	12.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
118	Eucalyptus microcorys	Tallowwood	540		540	170	18.0	10.0	6.5	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
119	Acacia concurrens	Black Wattle	140		140	44	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
120	Acacia concurrens	Black Wattle	110		110	35	4.0	3.0	2.0	1.3		-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
121	Acacia concurrens	Black Wattle	150		150	47	5.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
122	Acacia concurrens	Black Wattle	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
123	Eucalyptus microcorys	Tallowwood	380		380	119	14.0	6.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
124	Eucalyptus microcorys	Tallowwood	410		410	129	15.0	6.0	4.9	2.3	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
125	Corymbia citriodora	Spotted Gum	200		200	63	8.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
126	Eucalyptus microcorys	Tallowwood	330	290	439	138	18.0	7.0	5.3	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
127	Eucalyptus fibrosa	Broad-leaved Red Ironbark	580		580	182	25.0	12.0	7.0	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
128	Eucalyptus microcorys	Tallowwood	500		500	157	18.0	10.0	6.0	2.5	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-	
129	Corymbia citriodora	Spotted Gum	340		340	107	16.0	8.0	4.1	2.1	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	

Specimen Details											Canopy Condition Details						Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes
130	<i>Corymbia intermedia</i>	Pink Bloodwood	380		380	119	22.0	12.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
131	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	460		460	145	23.0	11.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
132	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	300		300	94	15.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
133	<i>Acacia concurrens</i>	Black Wattle	100	100	141	44	4.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
134	<i>Acacia concurrens</i>	Black Wattle	160		160	50	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
135	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
136	<i>Acacia melanoxylon</i>	Australian Blackwood	150		150	47	5.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
137	<i>Corymbia citriodora</i>	Spotted Gum	130		130	41	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
138	<i>Syagrus romanzoffiana</i>	Cocos Palm	220		220	69	6.0	3.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
139	<i>Syagrus romanzoffiana</i>	Cocos Palm	180		180	57	6.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
140	<i>Syagrus romanzoffiana</i>	Cocos Palm	210		210	66	7.0	3.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
141	<i>Acacia concurrens</i>	Black Wattle	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
142	<i>Acacia concurrens</i>	Black Wattle	160		160	50	6.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
143	<i>Pinus elliotii</i>	Slash Pine	160		160	50	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
144	<i>Syagrus romanzoffiana</i>	Cocos Palm	220		220	69	7.0	4.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
145	<i>Syagrus romanzoffiana</i>	Cocos Palm	240		240	75	7.0	4.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
146	<i>Syagrus romanzoffiana</i>	Cocos Palm	200		200	63	8.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
147	<i>Acacia disparrima</i>	Hickory Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
148	<i>Dyopsis lutescens</i>	Golden Cane Palm	100	90, 90, 90, 90	206	65	4.0	3.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
149	<i>Eucalyptus microcorys</i>	Tallowwood	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
150	<i>Acacia concurrens</i>	Black Wattle	190		190	60	6.0	4.0	2.3	1.6	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
151	<i>Acacia concurrens</i>	Black Wattle	110		110	35	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
152	<i>Corymbia citriodora</i>	Spotted Gum	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
153	<i>Acacia concurrens</i>	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
154	<i>Corymbia citriodora</i>	Spotted Gum	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
155	<i>Corymbia citriodora</i>	Spotted Gum	110		110	35	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
156	<i>Syagrus romanzoffiana</i>	Cocos Palm	220		220	69	7.0	4.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
157	<i>Syagrus romanzoffiana</i>	Cocos Palm	210		210	66	7.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
158	<i>Syagrus romanzoffiana</i>	Cocos Palm	250		250	79	8.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
159	<i>Solanum mauritianum</i>	Wild Tobacco	130	100, 90	187	59	4.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
160	<i>Corymbia torelliana</i>	Cadaghi	320		320	101	8.0	7.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
161	<i>Corymbia torelliana</i>	Cadaghi	240		240	75	7.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
162	<i>Acacia concurrens</i>	Black Wattle	180		180	57	7.0	4.0	2.2	1.6	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
163	<i>Corymbia citriodora</i>	Spotted Gum	340		340	107	18.0	10.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove	-
164	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	250		250	79	16.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove	-
165	<i>Acacia concurrens</i>	Black Wattle	120		120	38	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
166	<i>Acacia concurrens</i>	Black Wattle	130		130	41	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-
167	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	440		440	138	16.0	6.0	5.3	2.3	Irregular	-	-	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
168	<i>Corymbia citriodora</i>	Spotted Gum	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
169	<i>Acacia concurrens</i>	Black Wattle	160		160	50	6.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
170	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	410		410	129	16.0	7.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termite nest	-	Remove	-
171	<i>Corymbia intermedia</i>	Pink Bloodwood	310		310	97	18.0	6.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
172	<i>Acacia disparrima</i>	Hickory Wattle	130		130	41	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
173	<i>Acacia disparrima</i>	Hickory Wattle	120	100	156	49	5.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
174	Acacia disparrima	Hickory Wattle	150	130, 90	218	68	6.0	4.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
175	Eucalyptus fibrosa	Broad-leaved Red Ironbark	200		200	63	14.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
176	Eucalyptus fibrosa	Broad-leaved Red Ironbark	370		370	116	21.0	8.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
177	Corymbia citriodora	Spotted Gum	380		380	119	23.0	10.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
178	Corymbia citriodora	Spotted Gum	470		470	148	25.0	14.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
179	Eucalyptus fibrosa	Broad-leaved Red Ironbark	550		550	173	22.0	10.0	6.6	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
180	Acacia concurrens	Black Wattle	160		160	50	6.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
181	Corymbia citriodora	Spotted Gum	430		430	135	25.0	14.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
182	Eucalyptus fibrosa	Broad-leaved Red Ironbark	430		430	135	26.0	12.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
183	Acacia concurrens	Black Wattle	110		110	35	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
184	Eucalyptus propinqua	Small-fruited Grey Gum	570		570	179	17.0	7.0	6.8	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain	-	
185	Corymbia citriodora	Spotted Gum	210		210	66	12.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
186	Eucalyptus fibrosa	Broad-leaved Red Ironbark	550		550	173	24.0	12.0	6.6	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
187	Eucalyptus fibrosa	Broad-leaved Red Ironbark	640		640	201	26.0	15.0	7.7	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
188	Acacia concurrens	Black Wattle	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
189	Acacia concurrens	Black Wattle	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	Trunk Dmg.	-	Typical	-	-	-	-	-	-	Retain	-	
190	Eucalyptus acmenoides	White Mahogany	350		350	110	15.0	6.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
191	Eucalyptus fibrosa	Broad-leaved Red Ironbark	470		470	148	21.0	10.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Retain	-	
192	Eucalyptus propinqua	Small-fruited Grey Gum	500		500	157	25.0	14.0	6.0	2.5	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-	
193	Corymbia citriodora	Spotted Gum	160		160	50	7.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
194	Eucalyptus microcorys	Tallowwood	100	90, 90	162	51	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
195	Acacia concurrens	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
196	Eucalyptus propinqua	Small-fruited Grey Gum	190		190	60	8.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
197	Eucalyptus fibrosa	Broad-leaved Red Ironbark	180		180	57	12.0	5.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Retain	-	
198	Eucalyptus acmenoides	White Mahogany	210		210	66	11.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Retain	-	
199	Eucalyptus acmenoides	White Mahogany	270	230, 160	389	122	12.0	6.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
200	Eucalyptus siderophloia	Northern Grey Ironbark	200		200	63	8.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
201	Corymbia intermedia	Pink Bloodwood	120		120	38	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-	
202	Lophostemon suaveolens	Swamp Box	110	90	142	45	5.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
203	Acacia concurrens	Black Wattle	110		110	35	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-	
204	Eucalyptus acmenoides	White Mahogany	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
205	Acacia concurrens	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
206	Allocasuarina littoralis	Black She-oak	140		140	44	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
207	Corymbia citriodora	Spotted Gum	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
208	Corymbia intermedia	Pink Bloodwood	200		200	63	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
209	Corymbia intermedia	Pink Bloodwood	180		180	57	7.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
210	Corymbia intermedia	Pink Bloodwood	240		240	75	7.0	5.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
211	Eucalyptus siderophloia	Northern Grey Ironbark	120		120	38	6.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
212	Corymbia intermedia	Pink Bloodwood	230		230	72	8.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
213	Corymbia citriodora	Spotted Gum	200		200	63	10.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
214	Acacia concurrens	Black Wattle	100		100	31	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
215	Eucalyptus acmenoides	White Mahogany	760		760	239	26.0	12.0	9.1	2.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Retain	-	
216	Eucalyptus acmenoides	White Mahogany	250		250	79	8.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
217	Eucalyptus siderophloia	Northern Grey Ironbark	230		230	72	8.0	4.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	

Specimen Details											Canopy Condition Details						Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes
218	<i>Eucalyptus acmenoides</i>	White Mahogany	160		160	50	7.0	4.0	2.0	1.5	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
219	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	180		180	57	9.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termite nest	-	Retain	-
220	<i>Acacia concurrens</i>	Black Wattle	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
221	<i>Corymbia intermedia</i>	Pink Bloodwood	100		100	31	5.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
222	<i>Acacia concurrens</i>	Black Wattle	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
223	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	460		460	145	22.0	8.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove	-
224	<i>Eucalyptus acmenoides</i>	White Mahogany	260	180	316	99	8.0	5.0	3.8	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
225	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
226	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
227	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
228	<i>Allocasuarina littoralis</i>	Black She-oak	100	90	135	42	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
229	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	540		540	170	18.0	8.0	6.5	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
230	<i>Allocasuarina littoralis</i>	Black She-oak	220		220	69	4.0	3.0	2.6	1.8	Regular	-	-	Die-back	-	Lopped	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
231	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Retain	-
232	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	280		280	88	8.0	6.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
233	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	140		140	44	7.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
234	<i>Corymbia citriodora</i>	Spotted Gum	270	190, 160, 130	389	122	12.0	7.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
235	<i>Acacia concurrens</i>	Black Wattle	160		160	50	5.0	3.0	2.0	1.5	Regular	-	-	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
236	<i>Corymbia intermedia</i>	Pink Bloodwood	120	90	150	47	7.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
237	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	180		180	57	8.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
238	<i>Corymbia intermedia</i>	Pink Bloodwood	140	120, 100, 90	228	72	7.0	3.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
239	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	210	90, 90	246	77	10.0	4.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
240	<i>Eucalyptus acmenoides</i>	White Mahogany	160	90	184	58	8.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
241	<i>Corymbia intermedia</i>	Pink Bloodwood	120	90	150	47	7.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
242	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	150		150	47	10.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
243	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	100		100	31	3.0	2.0	2.0	1.3	Regular	-	-	-	-	Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
244	<i>Eucalyptus acmenoides</i>	White Mahogany	150	140, 100	228	72	7.0	4.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
245	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	540		540	170	26.0	12.0	6.5	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	Old	-	-	-	-	-	Remove	-
246	<i>Corymbia citriodora</i>	Spotted Gum	100		100	31	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
247	<i>Corymbia citriodora</i>	Spotted Gum	150		150	47	10.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
248	<i>Corymbia citriodora</i>	Spotted Gum	480		480	151	22.0	10.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
249	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	490		490	154	25.0	13.0	5.9	2.5	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
250	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	400		400	126	26.0	12.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
251	<i>Acacia disparrima</i>	Hickory Wattle	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
252	<i>Corymbia citriodora</i>	Spotted Gum	480		480	151	22.0	14.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
253	<i>Acacia concurrens</i>	Black Wattle	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
254	<i>Acacia concurrens</i>	Black Wattle	140		140	44	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
255	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	510		510	160	25.0	12.0	6.1	2.5	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
256	<i>Corymbia intermedia</i>	Pink Bloodwood	380		380	119	14.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-
257	<i>Corymbia citriodora</i>	Spotted Gum	480		480	151	24.0	14.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-
258	<i>Corymbia citriodora</i>	Spotted Gum	530		530	167	23.0	12.0	6.4	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
259	<i>Acacia concurrens</i>	Black Wattle	160		160	50	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
260	<i>Acacia concurrens</i>	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
261	<i>Acacia concurrens</i>	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-

Specimen Details											Canopy Condition Details						Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes
262	Acacia concurrens	Black Wattle	100	90	135	42	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
263	Acacia concurrens	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
264	Corymbia citriodora	Spotted Gum	410		410	129	20.0	10.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
265	Eucalyptus propinqua	Small-fruited Grey Gum	310		310	97	13.0	6.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
266	Corymbia citriodora	Spotted Gum	110		110	35	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
267	Corymbia citriodora	Spotted Gum	230		230	72	16.0	7.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
268	Corymbia intermedia	Pink Bloodwood	110		110	35	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
269	Corymbia citriodora	Spotted Gum	100		100	31	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
270	Acacia disparrima	Hickory Wattle	200		200	63	7.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
271	Corymbia citriodora	Spotted Gum	130		130	41	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
272	Eucalyptus fibrosa	Broad-leaved Red Ironbark	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
273	Corymbia citriodora	Spotted Gum	140		140	44	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
274	Acacia disparrima	Hickory Wattle	100		100	31	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
275	Corymbia citriodora	Spotted Gum	100		100	31	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
276	Eucalyptus propinqua	Small-fruited Grey Gum	140		140	44	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
277	Corymbia citriodora	Spotted Gum	140		140	44	8.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
278	Corymbia citriodora	Spotted Gum	170		170	53	7.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
279	Corymbia citriodora	Spotted Gum	120		120	38	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
280	Acacia disparrima	Hickory Wattle	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
281	Acacia disparrima	Hickory Wattle	110	100	149	47	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
282	Acacia concurrens	Black Wattle	130		130	41	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
283	Acacia concurrens	Black Wattle	100		100	31	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
284	Allocasuarina littoralis	Black She-oak	120		120	38	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
285	Acacia concurrens	Black Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
286	Acacia concurrens	Black Wattle	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
287	Acacia concurrens	Black Wattle	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
288	Acacia concurrens	Black Wattle	190		190	60	7.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
289	Acacia concurrens	Black Wattle	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
290	Acacia concurrens	Black Wattle	130		130	41	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
291	Acacia concurrens	Black Wattle	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
292	Acacia concurrens	Black Wattle	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
293	Eucalyptus fibrosa	Broad-leaved Red Ironbark	360		360	113	18.0	6.0	4.3	2.2	Regular	-	-	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
294	Acacia concurrens	Black Wattle	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
295	Acacia concurrens	Black Wattle	160		160	50	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
296	Acacia concurrens	Black Wattle	110		110	35	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
297	Acacia concurrens	Black Wattle	150		150	47	6.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
298	Corymbia torelliana	Cadaghi	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
299	Corymbia torelliana	Cadaghi	110		110	35	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
300	Corymbia citriodora	Spotted Gum	130		130	41	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
301	Acacia concurrens	Black Wattle	120		120	38	7.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
302	Acacia concurrens	Black Wattle	130	130	184	58	6.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
303	Allocasuarina littoralis	Black She-oak	150		150	47	6.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
304	Acacia concurrens	Black Wattle	200	190	276	87	7.0	5.0	3.3	1.9	Regular	-	Thinning	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
305	Allocasuarina littoralis	Black She-oak	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
306	Acacia concurrens	Black Wattle	160		160	50	6.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
307	Corymbia citriodora	Spotted Gum	100		100	31	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
308	Allocasuarina littoralis	Black She-oak	110		110	35	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
309	Allocasuarina littoralis	Black She-oak	120		120	38	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
310	Acacia concurrens	Black Wattle	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
311	Acacia concurrens	Black Wattle	110		110	35	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
312	Corymbia citriodora	Spotted Gum	190		190	60	8.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
313	Allocasuarina littoralis	Black She-oak	100	90, 90	162	51	6.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
314	Eucalyptus fibrosa	Broad-leaved Red Ironbark	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
315	Allocasuarina littoralis	Black She-oak	110		110	35	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
316	Eucalyptus siderophloia	Northern Grey Ironbark	140		140	44	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
317	Corymbia torelliana	Cadaghi	200		200	63	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
318	Acacia concurrens	Black Wattle	190		190	60	7.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
319	Lophostemon suaveolens	Swamp Box	110		110	35	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
320	Eucalyptus fibrosa	Broad-leaved Red Ironbark	140		140	44	3.0	2.0	2.0	1.4	Regular	-	-	-	-	Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
321	Eucalyptus fibrosa	Broad-leaved Red Ironbark	140		140	44	4.0	2.0	2.0	1.4	Regular	-	-	-	-	Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
322	Alphitonia excelsa	Soap Tree	130		130	41	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-	
323	Corymbia citriodora	Spotted Gum	160		160	50	11.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
324	Acacia disparrima	Hickory Wattle	130		130	41	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
325	Corymbia intermedia	Pink Bloodwood	160		160	50	8.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
326	Corymbia citriodora	Spotted Gum	180		180	57	11.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
327	Eucalyptus fibrosa	Broad-leaved Red Ironbark	590		590	185	26.0	15.0	7.1	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
328	Eucalyptus fibrosa	Broad-leaved Red Ironbark	560		560	176	25.0	13.0	6.7	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
329	Lophostemon suaveolens	Swamp Box	180	100	206	65	8.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
330	Lophostemon suaveolens	Swamp Box	100		100	31	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-	
331	Acacia concurrens	Black Wattle	190		190	60	8.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	Minor	Introduced	-	-	Typical	-	-	-	-	-	-	Arborist	-	
332	Acacia disparrima	Hickory Wattle	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
333	Acacia disparrima	Hickory Wattle	110		110	35	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Arborist	-	
334	Lophostemon suaveolens	Swamp Box	100		100	31	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
335	Lophostemon suaveolens	Swamp Box	120		120	38	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Retain	-	
336	Lophostemon suaveolens	Swamp Box	120		120	38	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
337	Eucalyptus siderophloia	Northern Grey Ironbark	310		310	97	16.0	6.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
338	Eucalyptus acmenoides	White Mahogany	200		200	63	9.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
339	Eucalyptus acmenoides	White Mahogany	250		250	79	14.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
340	Eucalyptus propinqua	Small-fruited Grey Gum	200		200	63	14.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
341	Eucalyptus propinqua	Small-fruited Grey Gum	430		430	135	24.0	12.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
342	Acacia disparrima	Hickory Wattle	160		160	50	6.0	4.0	2.0	1.5	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
343	Melaleuca saligna	Willow Bottlebrush	100		100	31	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
344	Allocasuarina littoralis	Black She-oak	110		110	35	7.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
345	Eucalyptus siderophloia	Northern Grey Ironbark	460		460	145	22.0	14.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
346	Syagrus romanzoffiana	Cocos Palm	220		220	69	7.0	4.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
347	Syagrus romanzoffiana	Cocos Palm	190		190	60	7.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
348	Syagrus romanzoffiana	Cocos Palm	200		200	63	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
349	Eucalyptus fibrosa	Broad-leaved Red Ironbark	340		340	107	26.0	11.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
350	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	160		160	50	9.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
351	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	410		410	129	27.0	10.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
352	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	300		300	94	23.0	9.0	3.6	2.0	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
353	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	330		330	104	25.0	8.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
354	<i>Corymbia intermedia</i>	Pink Bloodwood	250		250	79	18.0	6.0	3.0	1.8	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
355	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	340		340	107	21.0	11.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
356	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	380		380	119	15.0	6.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
357	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	120		120	38	10.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
358	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	370		370	116	18.0	7.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
359	<i>Acacia disparrima</i>	Hickory Wattle	120	80	144	45	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
360	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	500		500	157	26.0	12.0	6.0	2.5	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-	
361	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	450		450	141	27.0	13.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
362	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	370		370	116	23.0	9.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
363	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	390		390	123	18.0	6.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
364	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
365	<i>Acacia disparrima</i>	Hickory Wattle	100		100	31	10.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
366	<i>Acacia disparrima</i>	Hickory Wattle	110		110	35	12.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
367	<i>Acacia disparrima</i>	Hickory Wattle	120		120	38	11.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
368	<i>Allocasuarina littoralis</i>	Black She-oak	120		120	38	14.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
369	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	710		710	223	27.0	10.0	8.5	2.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
370	<i>Corymbia intermedia</i>	Pink Bloodwood	230		230	72	17.0	4.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
371	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	290		290	91	17.0	8.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
372	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
373	<i>Corymbia intermedia</i>	Pink Bloodwood	270		270	85	18.0	9.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
374	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	370		370	116	28.0	13.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
375	<i>Corymbia citriodora</i>	Spotted Gum	480		480	151	27.0	12.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
376	<i>Acacia disparrima</i>	Hickory Wattle	110		110	35	8.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
377	<i>Allocasuarina littoralis</i>	Black She-oak	120		120	38	12.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
378	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	350		350	110	18.0	8.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
379	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	400		400	126	16.0	8.0	4.8	2.3	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
380	<i>Corymbia intermedia</i>	Pink Bloodwood	290		290	91	18.0	6.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
381	<i>Allocasuarina littoralis</i>	Black She-oak	120		120	38	11.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
382	<i>Allocasuarina littoralis</i>	Black She-oak	120		120	38	10.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
383	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	10.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
384	<i>Allocasuarina littoralis</i>	Black She-oak	150		150	47	9.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
385	<i>Allocasuarina littoralis</i>	Black She-oak	150		150	47	14.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
386	<i>Corymbia citriodora</i>	Spotted Gum	480		480	151	28.0	11.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
387	<i>Lophostemon suaveolens</i>	Swamp Box	140		140	44	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
388	<i>Allocasuarina littoralis</i>	Black She-oak	110		110	35	12.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
389	<i>Allocasuarina littoralis</i>	Black She-oak	140		140	44	10.0	4.0	2.0	1.4	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
390	<i>Corymbia citriodora</i>	Spotted Gum	140		140	44	14.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
391	<i>Allocasuarina littoralis</i>	Black She-oak	130		130	41	9.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
392	<i>Eucalyptus microcorys</i>	Tallowwood	200		200	63	15.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
393	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	100		100	31	6.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						Additional Details		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
394	Corymbia citriodora	Spotted Gum	170		170	53	14.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
395	Allocasuarina littoralis	Black She-oak	120		120	38	12.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
396	Eucalyptus carnea	Broad-leaved White Mahogany	180	80	197	62	17.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
397	Allocasuarina littoralis	Black She-oak	100		100	31	13.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
398	Allocasuarina littoralis	Black She-oak	100		100	31	13.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
399	Allocasuarina littoralis	Black She-oak	190		190	60	16.0	5.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
400	Allocasuarina littoralis	Black She-oak	100		100	31	11.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
401	Allocasuarina littoralis	Black She-oak	130		130	41	14.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
402	Eucalyptus acmenoides	White Mahogany	190		190	60	17.0	8.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
403	Corymbia citriodora	Spotted Gum	360		360	113	28.0	14.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
404	Eucalyptus fibrosa	Broad-leaved Red Ironbark	240		240	75	18.0	9.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
405	Eucalyptus carnea	Broad-leaved White Mahogany	270		270	85	18.0	6.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
406	Allocasuarina littoralis	Black She-oak	100		100	31	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
407	DEAD/STAG		350		350	110	18.0	7.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
408	Corymbia citriodora	Spotted Gum	250		250	79	16.0	7.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
409	Acacia disparrima	Hickory Wattle	170		170	53	9.0	6.0	2.0	1.6	Regular	-	-	-	-	-	Typical	Minor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
410	Acacia disparrima	Hickory Wattle	340		340	107	8.0	3.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
411	Corymbia citriodora	Spotted Gum	370		370	116	19.0	6.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
412	Acacia disparrima	Hickory Wattle	140		140	44	10.0	5.0	2.0	1.4	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
413	Corymbia intermedia	Pink Bloodwood	280		280	88	19.0	7.0	3.4	1.9	One-sided	-	-	-	Epicormic	-	Typical	-	-	-	Fire Dmg.	Typical	-	-	-	-	-	-	Remove	-	
414	Eucalyptus propinqua	Small-fruited Grey Gum	330	360	488	153	28.0	14.0	5.9	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
415	Allocasuarina littoralis	Black She-oak	130		130	41	8.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
416	Eucalyptus fibrosa	Broad-leaved Red Ironbark	760		760	239	26.0	12.0	9.1	2.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
417	Corymbia citriodora	Spotted Gum	100		100	31	14.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
418	Eucalyptus fibrosa	Broad-leaved Red Ironbark	985		985	309	29.0	14.0	11.8	3.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
419	Eucalyptus microcorys	Tallowwood	400		400	126	21.0	11.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
420	Allocasuarina littoralis	Black She-oak	100		100	31	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
421	DEAD/STAG		280		280	88	14.0	0.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Retain	-	
422	Allocasuarina littoralis	Black She-oak	280		280	88	18.0	6.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
423	Corymbia citriodora	Spotted Gum	480		480	151	28.0	12.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
424	Allocasuarina littoralis	Black She-oak	110		110	35	8.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
425	Corymbia citriodora	Spotted Gum	310		310	97	18.0	7.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
426	Eucalyptus carnea	Broad-leaved White Mahogany	330		330	104	21.0	11.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
427	DEAD/STAG		380		380	119	19.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
428	Eucalyptus fibrosa	Broad-leaved Red Ironbark	400		400	126	25.0	12.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
429	Eucalyptus crebra	Narrow-leaved Ironbark	890		890	280	29.0	14.0	10.7	3.2	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove	-	
430	Corymbia intermedia	Pink Bloodwood	310		310	97	18.0	9.0	3.7	2.0	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
431	Eucalyptus microcorys	Tallowwood	420		420	132	24.0	9.0	5.0	2.3	Regular	-	-	-	-	-	Typical	Minor	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
432	Acacia disparrima	Hickory Wattle	150		150	47	14.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
433	Eucalyptus microcorys	Tallowwood	510		510	160	23.0	11.0	6.1	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
434	Allocasuarina littoralis	Black She-oak	100		100	31	6.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
435	Corymbia citriodora	Spotted Gum	190		190	60	18.0	6.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
436	Melaleuca saligna	Willow Bottlebrush	120	130	177	56	10.0	5.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
437	Allocasuarina littoralis	Black She-oak	100		100	31	9.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
438	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	290		290	91	21.0	11.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
439	<i>Corymbia citriodora</i>	Spotted Gum	510	100	520	163	26.0	10.0	6.2	2.5	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
440	<i>Corymbia citriodora</i>	Spotted Gum	380	140	405	127	23.0	9.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
441	<i>Acacia disparrima</i>	Hickory Wattle	100	90	135	42	14.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
442	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	120		120	38	12.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
443	<i>Corymbia intermedia</i>	Pink Bloodwood	100		100	31	12.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
444	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	100		100	31	11.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
445	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	110		110	35	12.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
446	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	100		100	31	11.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
447	<i>Syagrus romanzoffiana</i>	Cocos Palm	250		250	79	14.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
448	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	180		180	57	14.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
449	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	140		140	44	15.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
450	<i>Syagrus romanzoffiana</i>	Cocos Palm	180		180	57	15.0	6.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
451	<i>Syagrus romanzoffiana</i>	Cocos Palm	190		190	60	15.0	6.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
452	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	110		110	35	14.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
453	<i>Dypsis lutescens</i>	Golden Cane Palm	70	80, 90, 60, 70	167	52	14.0	6.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
454	<i>Syagrus romanzoffiana</i>	Cocos Palm	230		230	72	16.0	7.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
455	<i>Syagrus romanzoffiana</i>	Cocos Palm	200		200	63	17.0	9.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
456	<i>Syagrus romanzoffiana</i>	Cocos Palm	250		250	79	14.0	7.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
457	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	450		450	141	28.0	14.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
458	<i>Corymbia intermedia</i>	Pink Bloodwood	320		320	101	18.0	9.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
459	<i>Corymbia citriodora</i>	Spotted Gum	170		170	53	15.0	5.0	2.0	1.6	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
460	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	400		400	126	23.0	13.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
461	<i>Acacia disparrima</i>	Hickory Wattle	180		180	57	14.0	6.0	2.2	1.6	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
462	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	190		190	60	16.0	5.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove	-	
463	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	140		140	44	12.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove	-	
464	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	140	80	161	51	14.0	6.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
465	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	190		190	60	16.0	7.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
466	<i>Corymbia citriodora</i>	Spotted Gum	560		560	176	28.0	14.0	6.7	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
467	<i>Corymbia citriodora</i>	Spotted Gum	530		530	167	23.0	13.0	6.4	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
468	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	260		260	82	17.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
469	<i>Acacia disparrima</i>	Hickory Wattle	220		220	69	15.0	5.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-		Arborist (Neighbouring Lot)	-	
470	<i>Corymbia citriodora</i>	Spotted Gum	390		390	123	25.0	13.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
471	<i>Corymbia citriodora</i>	Spotted Gum	380		380	119	21.0	11.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
472	<i>Corymbia citriodora</i>	Spotted Gum	380		380	119	23.0	12.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
473	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	430		430	135	21.0	11.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
474	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	330		330	104	16.0	7.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-	
475	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	350		350	110	17.0	8.0	4.2	2.1	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
476	<i>Corymbia citriodora</i>	Spotted Gum	470		470	148	28.0	14.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
477	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	240		240	75	16.0	7.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
478	<i>Corymbia intermedia</i>	Pink Bloodwood	150		150	47	15.0	6.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
479	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	460		460	145	23.0	11.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
480	<i>Acacia disparrima</i>	Hickory Wattle	360		360	113	15.0	9.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-		Arborist (Neighbouring Lot)	-	
481	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	190		190	60	15.0	6.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-		Retain	-	

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value							Additional Details	
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes	
482	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	170		170	53	14.0	6.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
483	<i>Eucalyptus microcorys</i>	Tallowwood	180		180	57	12.0	5.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
484	<i>Lophostemon suaveolens</i>	Swamp Box	140		140	44	12.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
485	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	170	100	197	62	15.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
486	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	330		330	104	15.0	6.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
487	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	130		130	41	15.0	7.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
488	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	160		160	50	13.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
489	<i>Acacia disparrima</i>	Hickory Wattle	230		230	72	14.0	6.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
490	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	200		200	63	14.0	7.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
491	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	110		110	35	9.0	4.0	2.0	1.3	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
492	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	130		130	41	14.0	6.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
493	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	420		420	132	28.0	14.0	5.0	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
494	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	100		100	31	9.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
495	<i>Corymbia citriodora</i>	Spotted Gum	260		260	82	16.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
496	<i>Acacia disparrima</i>	Hickory Wattle	200		200	63	14.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
497	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	120		120	38	11.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
498	<i>Acacia disparrima</i>	Hickory Wattle	140		140	44	11.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
499	<i>Corymbia citriodora</i>	Spotted Gum	230		230	72	18.0	7.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
500	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	140		140	44	14.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
501	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	460		460	145	28.0	15.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
502	<i>Acacia disparrima</i>	Hickory Wattle	110		110	35	12.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
503	<i>Corymbia intermedia</i>	Pink Bloodwood	230		230	72	15.0	6.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
504	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	560		560	176	25.0	15.0	6.7	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
505	<i>Corymbia citriodora</i>	Spotted Gum	250		250	79	12.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
506	<i>Corymbia citriodora</i>	Spotted Gum	140		140	44	15.0	4.0	2.0	1.4	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
507	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	160	140, 200	292	92	17.0	8.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
508	<i>Eucalyptus microcorys</i>	Tallowwood	140	110	178	56	13.0	6.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
509	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	240		240	75	16.0	8.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
510	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	180	240	300	94	18.0	9.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
511	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	140		140	44	14.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
512	<i>Acacia disparrima</i>	Hickory Wattle	100		100	31	12.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
513	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	440		440	138	19.0	9.0	5.3	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
514	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	380		380	119	23.0	11.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-	
515	<i>Corymbia intermedia</i>	Pink Bloodwood	200		200	63	16.0	7.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
516	<i>Eucalyptus carnea</i>	Broad-leaved White Mahogany	230		230	72	16.0	7.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
517	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	260		260	82	18.0	8.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-	
518	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	260		260	82	18.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
519	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	250		250	79	17.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
520	<i>Corymbia intermedia</i>	Pink Bloodwood	170	130, 120	245	77	15.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
521	<i>Corymbia torelliana</i>	Cadaghi	120		120	38	12.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
522	<i>Melaleuca saligna</i>	Willow Bottlebrush	130		130	41	14.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
523	<i>Corymbia intermedia</i>	Pink Bloodwood	180	100, 120	238	75	17.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
524	<i>Lophostemon suaveolens</i>	Swamp Box	100		100	31	12.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	
525	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	450		450	141	23.0	13.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-	

Specimen Details											Canopy Condition Details						Trunk Condition Details					Fauna Details and Habitat Value						Additional Details		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes
526	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	360		360	113	17.0	6.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
527	<i>Corymbia citriodora</i>	Spotted Gum	460		460	145	23.0	11.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
528	<i>Acacia leiocalyx</i>	Early-flowering Black Wattle	80	100, 60	141	44	10.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
529	<i>Corymbia citriodora</i>	Spotted Gum	140		140	44	12.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
530	<i>Corymbia citriodora</i>	Spotted Gum	120		120	38	14.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
531	<i>Eucalyptus tereticornis</i>	Forest Red Gum	210		210	66	16.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
532	<i>Corymbia citriodora</i>	Spotted Gum	120		120	38	12.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
533	<i>Acacia disparrima</i>	Hickory Wattle	230		230	72	15.0	8.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
534	<i>Acacia disparrima</i>	Hickory Wattle	230	200	305	96	14.0	9.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
535	<i>Corymbia citriodora</i>	Spotted Gum	400		400	126	23.0	11.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
536	<i>Acacia leiocalyx</i>	Early-flowering Black Wattle	100		100	31	10.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
537	<i>Acacia leiocalyx</i>	Early-flowering Black Wattle	110		110	35	10.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
538	<i>Corymbia citriodora</i>	Spotted Gum	340		340	107	19.0	8.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-
539	<i>Acacia leiocalyx</i>	Early-flowering Black Wattle	110		110	35	11.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
540	<i>Acacia leiocalyx</i>	Early-flowering Black Wattle	100		100	31	9.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
541	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	470		470	148	23.0	15.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
542	<i>Acacia disparrima</i>	Hickory Wattle	150		150	47	10.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
543	<i>Corymbia intermedia</i>	Pink Bloodwood	350		350	110	21.0	11.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
544	<i>Allocasuarina littoralis</i>	Black She-oak	160		160	50	9.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
545	<i>Allocasuarina littoralis</i>	Black She-oak	150		150	47	14.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-
546	<i>Allocasuarina littoralis</i>	Black She-oak	100		100	31	14.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
547	<i>Corymbia citriodora</i>	Spotted Gum	140		140	44	16.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
548	<i>Corymbia citriodora</i>	Spotted Gum	110	120	163	51	16.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
549	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	390		390	123	23.0	14.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
550	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	410		410	129	24.0	12.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
551	<i>Acacia disparrima</i>	Hickory Wattle	140		140	44	14.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
552	<i>Corymbia intermedia</i>	Pink Bloodwood	110		110	35	14.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
553	<i>Corymbia intermedia</i>	Pink Bloodwood	110	50, 80	145	46	13.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
554	<i>Corymbia citriodora</i>	Spotted Gum	140		140	44	14.0	1.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
555	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	110		110	35	12.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
556	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	100		100	31	11.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
557	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	110		110	35	12.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
558	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	100		100	31	14.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
559	<i>Corymbia intermedia</i>	Pink Bloodwood	130		130	41	14.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
560	<i>Corymbia citriodora</i>	Spotted Gum	130	80	153	48	15.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
561	<i>Corymbia citriodora</i>	Spotted Gum	160	80	179	56	15.0	6.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
562	<i>Corymbia citriodora</i>	Spotted Gum	150	80	170	53	1.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
563	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	150		150	47	14.0	6.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
564	<i>Eucalyptus fibrosa</i>	Broad-leaved Red Ironbark	120		120	38	15.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
565	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	130	90	158	50	14.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
566	<i>Corymbia intermedia</i>	Pink Bloodwood	140		140	44	14.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
567	<i>Corymbia intermedia</i>	Pink Bloodwood	190	100	215	67	13.0	4.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
568	<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark	130		130	41	12.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
569	<i>Eucalyptus propinqua</i>	Small-fruited Grey Gum	110		110	35	12.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-

Specimen Details										Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						Additional Details		
Tree ID	Botanical Name	Common Name	Trunk DBH (mm)	Additional Trunks DBH (mm)	Total DBH (mm) [AS 4970-2009]	Trunk Circumference (cm) [AS 4970-2009]	Height (m)	Spread (m)	Tree Protection Zone (m)	Structural Root Zone (m)	Canopy Form	Spreading	Thinning	Die-Back	Epicormic Growth	Lopped	Canopy Health	Leaning	Vines	Trunk Damage	Fire Damage	Trunk Health	Scats	Scratches	Hollows	Nest	Termite Nest	Habitat Value	Retention	Additional Notes
570	Eucalyptus propinqua	Small-fruited Grey Gum	110		110	35	11.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
571	Eucalyptus fibrosa	Broad-leaved Red Ironbark	110		110	35	10.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
572	Eucalyptus fibrosa	Broad-leaved Red Ironbark	110		110	35	10.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
573	Eucalyptus propinqua	Small-fruited Grey Gum	140		140	44	14.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
574	Eucalyptus fibrosa	Broad-leaved Red Ironbark	120		120	38	10.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
575	Corymbia intermedia	Pink Bloodwood	140	130, 60	200	63	14.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
576	Eucalyptus propinqua	Small-fruited Grey Gum	100		100	31	9.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
577	Lophostemon suaveolens	Swamp Box	100		100	31	11.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
578	Melaleuca saligna	Willow Bottlebrush	100	120, 90, 80	197	62	14.0	1.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
579	Melaleuca saligna	Willow Bottlebrush	190		190	60	11.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
580	Corymbia intermedia	Pink Bloodwood	120	120	170	53	15.0	6.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
581	Corymbia intermedia	Pink Bloodwood	160	200	256	80	17.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
582	Eucalyptus propinqua	Small-fruited Grey Gum	170	170	240	76	17.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
583	Acacia disparrima	Hickory Wattle	120	160	200	63	15.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
584	Eucalyptus siderophloia	Northern Grey Ironbark	230		230	72	17.0	7.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
585	Eucalyptus fibrosa	Broad-leaved Red Ironbark	110		110	35	14.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
586	Corymbia intermedia	Pink Bloodwood	170		170	53	13.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
587	Corymbia intermedia	Pink Bloodwood	100	80	128	40	11.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
588	Acacia disparrima	Hickory Wattle	120		120	38	11.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove	-
589	Corymbia intermedia	Pink Bloodwood	160		160	50	15.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Arborist	-
590	Corymbia citriodora	Spotted Gum	190		190	60	17.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
591	Corymbia intermedia	Pink Bloodwood	110		110	35	11.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
592	Eucalyptus siderophloia	Northern Grey Ironbark	400		400	126	21.0	9.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
593	Lophostemon suaveolens	Swamp Box	150		150	47	12.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
594	Eucalyptus propinqua	Small-fruited Grey Gum	180	130	222	70	15.0	5.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
595	Melaleuca saligna	Willow Bottlebrush	100	90	135	42	10.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
596	Lophostemon suaveolens	Swamp Box	100		100	31	9.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
597	Melaleuca saligna	Willow Bottlebrush	110		110	35	12.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
598	Corymbia intermedia	Pink Bloodwood	200	210	290	91	16.0	8.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
599	Eucalyptus fibrosa	Broad-leaved Red Ironbark	200		200	63	16.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist	-
600	Eucalyptus carnea	Broad-leaved White Mahogany	120	250	277	87	14.0	8.0	3.3	1.9	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Arborist	-
601	Eucalyptus siderophloia	Northern Grey Ironbark	200		200	63	17.0	8.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
602	Eucalyptus siderophloia	Northern Grey Ironbark	210		210	66	18.0	9.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
603	Eucalyptus propinqua	Small-fruited Grey Gum	120		120	38	14.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
604	Corymbia intermedia	Pink Bloodwood	250	210	326	103	15.0	7.0	3.9	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-
605	Eucalyptus propinqua	Small-fruited Grey Gum	240		240	75	17.0	8.0	2.9	1.8	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-
606	Eucalyptus siderophloia	Northern Grey Ironbark	400		400	126	23.0	11.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Arborist (Neighbouring Lot)	-
607	Eucalyptus propinqua	Small-fruited Grey Gum	160		160	50	12.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
608	Lophostemon suaveolens	Swamp Box	160		160	50	14.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Retain	-
609	Lophostemon suaveolens	Swamp Box	100		100	31	9.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain	-
610	Allocasuarina littoralis	Black She-oak	110		110	35	11.0	5.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove	-

Attachment D

Bushfire Mitigation Report (2022)



**BUSHFIRE MITIGATION REPORT
FM 5781
for
COOMERA GA PTY LTD
ACN 657 309 567
AS TRUSTEE FOR
THE COOMERA GA UNIT TRUST.
at
54 GEORGE ALEXANDER WAY
COOMERA**

**PREPARED BY
ELDON BOTTCHER ARCHITECT PTY LTD
145 VARSITY PARADE
VARSITY LAKES
PH 07 55920082
EMAIL bushfires@eb-a.com.au
12/07/2022**



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DISCLAIMER

Experienced fire fighters with extensive knowledge of building have prepared this Report. Their practical knowledge of fire fighting has been backed up by academic study.

However, fire is an element of nature. Small natural occurrences can disastrously affect the outcome of the best planning. Human actions similarly can have disastrous results.

Whilst every care has been taken in the formulation of this management report, there can be no guarantee that even the strictest adherence to its recommendations can guarantee safety of life and property.

The authors of this report accept no responsibility for any damage to life or property caused by fire or any other cause to persons using land or structures, which could in any way be construed to be the subject of this report.

The report has been commissioned as the land falls within an area deemed a fire risk by the local authority.

As such, it must be recognized that structures upon this land and those using the structures could be deemed at risk.

Logo by LogoInstant

Very Important Note:

This report is valid for the following periods;

- a) A maximum time of 5 years from date of preparation.
- b) The currency of the legislation referred to in Section 1 Report Brief
- c) Changes to any legislation generally that may impact on the report outcomes.
- d) Changes to vegetation, both on and off site, which may impact on the results of this report
- e) Any other changes that may impact on the report in any manner.

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THIS REPORT RELIES ON THE AS 3959 FOR THE CALCULATION OF CONSTRUCTION LEVELS. ANY POSSIBLE ERRORS IN THE STANDARD ARE NOT THE RESPONSIBILITY OF THE AUTHOR.

THIS REPORT IS ONLY TO BE USED AND DISTRIBUTED AS A COMPLETE REPORT CONTAINING AS A MINIMUM SECTIONS 1.2.3.4 AND 5 (SECTIONS 5.1 & 5.2)

THIS REPORT IS NOT TO BE AMENDED IN ANY WAY BY ANY PERSONS OTHER THAN THE ORIGINAL AUTHOR.

THIS REPORT IS ONLY TO BE USED FOR PROJECTS IDENTIFIED IN THE REPORT AND REPRESENTED ON THE SITE PLAN ACCOMPANYING THE REPORT.

INTRODUCTION

This Fire Management Report has been written for the benefit of future occupants of this proposed site and developed in accordance with the requirements of;

- The Gold Coast City Council Town Plan,
- SPP 07/2017.
- Queensland Planning Act 2016
- "Bushfire Resilient Communities Technical Reference Guide for the State Planning Policy State Interest" Natural Hazards , Risk and Resilience-Bushfire" published by QFES and Queensland Government.
- Natural hazards, risk and resilience-Bushfire State Planning Policy-state interest guidance material published by Queensland Government
- Bushfire Resilient Building Guidance for Queensland Homes published by CSIRO and Queensland Government
- The National Construction Code
- Queensland Bushfire Plan published by Queensland Government prepared by QFES.
- Australian Standard AS3959,
- International Fire Safety Engineering Guidelines

The report has been prepared as supporting documentation for an "Vegetation management for Bushfire Purposes" Application.

- 1.1. Address:**
54 George Alexander Way
Coomera
- 1.2. Local Authority**
Gold Coast City Council
- 1.3. R.P.D.**
Lot 96 on RP187418
- 1.4. Site area**
30100m²
- 1.5. Responsible Fire Authority**
QFES for all fires.
- 1.6. Potential Bushfire Hazard Rating.**
The hazard rating maps prepared for the Council show the ratings on this property ranging from Medium to being in a Bushfire Hazard buffer area

The draft risk rating maps prepared for the State Government show the ratings on this property ranging from Medium to being in a Bushfire Hazard buffer area
- 1.7. Land tenure**
Freehold
- 1.8. Adjoining owners are:**
Freehold
- 1.9. Current Land Use:**
Residential
- 1.10. Fire danger Index**
FDI 40 (nominated by AS 3959)
- 1.11. Topography**
Undulating
- 1.12. Predominant Wind Direction**
The predominate wind direction is from the South East. In times of severe fire weather the wind direction will be from the North West. The Topography will create microclimates,

which will cause swirling, which will modify the apparent wind direction according to primary direction and velocity

1.13. Slope

0-5⁰, noting that it is Upslope from adjoining properties to the north and east.

1.14. Aspect

Various

1.15. Fuel Type

Predominate vegetation

REGIONAL ECOSYSTEM	VHC	VHC DESCRIPTION	SURFACE FUEL LOAD	TOTAL FUEL LOAD
12.11.5	10.1	Spotted gum dominated open forests	16.3	20.8
12.11.2	8.1	Wet eucalypt tall open forest	28	35

1.16. Threat Vegetation Location

Subject and adjoining sites to south, north and to the west across George Alexander Way.

1.17. Fire History

There is no evidence of a recent fire event

1.18. Location of Access Tracks

The site is served by a sealed road system

1.19. Location of Fire Breaks

There are no formal firebreaks

1.20. Location of existing firefighting Infrastructure

The site is served by reticulated water

1.21. Historical and Cultural Sites

There is no evidence of Historical and Cultural sites on the property.

1.22. Koala Habitat

The site is in a Koala Habitat Area

2. SITE AND HAZARD ASSESSMENT**2.1. Discussion with Responsible Fire Authority**

The Vegetation management report has not been discussed with the Fire Brigade.

2.2. Vegetation Types

The vegetation type predominate to this site are as scheduled in section 1.15

2.3. Potential Bushfire Hazard Rating.

Desktop study, site inspection and assessment against the State Planning Policy Mapping Methodology generally confirms the intent of both Local Government and State Mapping in that the area is in a Potential Bushfire Hazard Area.

2.4. Building Construction

All buildings situated within 100m of the site and adjoining and opposing sites containing unmanaged vegetation are in a Designated Risk Area. There is a requirement that certain Buildings within this area be constructed in accordance with the National Construction Code/Building Code of Australia, which refers to either the Australian Standard for Construction in Bushfire Prone Areas (AS 3959) or NASH Standard-Steel Framed Construction in Bushfire Areas as Deemed to Satisfy Solutions.

The existing building on the site has not been constructed in accordance with current requirements as it was built before the requirements came into force, and therefore contains no inbuilt mitigation measures.

Buildings located to the east have been built since the requirement to comply with the relevant standards in relation to building in bushfire areas, however a visual check on these buildings indicates that they may not be compliant, as those abutting the State Government corridor separating the subject site from these sites would need to be of BAL FZ construction, and there is no evidence of compliance to that standard.

The development site to the north on Lot 1 on SP312031 has mapped BAL Contours that indicate that buildings on 5 lots would need to be constructed to a BAL FZ due to their proximity to the subject site. It is understood that these lots are being withheld from sale due to this. All the sites in this development are currently required to have compliance with specific structural requirements for bushfire mitigation, mainly due to the vegetation on the subject site.

2.5. Ecological Requirements

The site is in a Koala Habitat Area and there is specific restriction in relation to vegetation management.

3. VEGETATION MANAGEMENT PLAN

3.1. Agencies / Persons Responsible

The responsible Fire Authority is the Queensland Fire and Emergency Service being responsible for Structural Fires

The owners of the subject property are cognisant of the commercial impact being imposed on the adjoining properties due to the additional costs imposed due to the bushfire threat from the unmanaged property, the threat to those properties that may not have been properly required to comply with the relevant standards for bushfire mitigation, and the threat to the existing house on the subject site and its tenants due to that house not having been required to comply with the now relevant standards,

3.2. Bushfire Safety Objective

The objective of this report is to minimise potential risk to life and property by protecting the buildings from the effects of bushfire by appropriate and lawful management of vegetation and the construction of fire lines and breaks to allow service intervention onto the site in the event of a bushfire.

3.3. Aims

The aims to achieve this objective are to mitigate the effect of the bushfire attack mechanisms of: -

- 3.3.1. Radiant Heat
- 3.3.2. Direct Flame Contact
- 3.3.3. Wind
- 3.3.4. Ember Attack
- 3.3.5. Smoke

3.4. Functional Requirements

The functional requirements to achieve this objective are: -

- 3.4.1. The provision of safe conditions for fire fighters
- 3.4.2. The provision of safe conditions for residents
- 3.4.3. Ensure adequate and safe access to and from the property
- 3.4.4. Provide a system of fire breaks and trails to protect the building component
- 3.4.5. Remove vegetation that is considered dangerous and a hazard in Fire Conditions

3.5. Vegetation management

- 3.5.1. The existing access track is to be widened to 5m.
- 3.5.2. A fire management line 10m wide is to be constructed on the subject lot to manage the potential spread of fire to Lot 101 on SP312031 adjoining to the north and Lot 95 on RP 187418 adjoining to the south
- 3.5.3. A necessary firebreak 1.5 times vegetation height (30m) is to be constructed to protect infrastructure on the subject site, adjoining site Lot 1 on SP 312031 to the north and sites to the east adjoining the 10m wide corridor running between the subject site and these lots.
- 3.5.4. All grass and existing mid storey vegetation within these Vegetation Management Zones shall be always kept to a maximum of 100mm or be of less flammable or rain forest species.
- 3.5.5. Existing non rainforest trees within this area are to be reduced to give a noncontinuous canopy cover between trees with a total cover of less than 30% of the area.
- 3.5.6. No trees that are of protected size are required to be removed to comply with the above requirements
- 3.5.7. The above vegetation management scenario will produce a Low Threat scenario like "maintained public reserves and parklands" as cited in section 2.2.3.2(f) of AS 3959.
- 3.5.8. All dead and damaged timber to be removed from the areas indicated to be fuel reduced and removed from site.
- 3.5.9. Requirements noted above may be subject to State and Local Authority approval. Those approvals must be obtained prior to implementation of any of these measures.
- 3.5.10. Refer to Sections 14 and 19 of the Planning Act 2016 in relation to Local Authority Approval.
- 3.5.11. The management referred to above is regarded as "Essential Management "(necessary to remove or reduce the imminent risk that the vegetation poses of serious personal injury or damage to infrastructure" under the Sustainable Planning Regulation Schedule 24. It is recommended that the owner register any clearing work with www.dnrm.qld.gov.au, "Vegetation management notification form for self-assessable codes".

Under changes to **Planning Regulation 2017** effective **December 13, 2019**, permitted operational work includes the following:

Schedule 6, Part 3, Section 20A - Operational work for necessary firebreaks or fire management lines

Operational work that is clearing native vegetation if—

(a) the clearing is necessary for—

(i) establishing or maintaining a necessary firebreak to protect infrastructure, other than a fence, road or vehicular track, and the maximum width of the firebreak is equal to 1.5 times the height of the tallest vegetation next to the infrastructure, or 20m, whichever is the wider; or

(ii) establishing a necessary fire management line, and the maximum width of the clearing for the fire management line is 10m; and

(b) the clearing—

(i) is on freehold land; or

(ii) is on indigenous land; or

(iii) is on land leased under the Land Act 1994 for agriculture or grazing purposes;

or

(iv) is on land leased under the Land Act 1994, other than for agriculture or grazing purposes, and is consistent with the purpose of the lease; or

(v) is on trust land under the Land Act 1994, other than indigenous land, is carried out, or allowed to be carried out, by the trustee and is consistent with achieving the purpose of the trust; or

(vi) is on unallocated State land and is carried out, or allowed to be carried out, by the chief executive of the department in which the Land Act 1994 is administered; or

(vii) is on land that is subject to a licence or permit under the Land Act 1994 and is carried out by the licensee or permittee.

As an example, with a height of the tallest vegetation on the subject site being in the order of 30m, the width of clearing would be calculated as between 45 m.

Under Planning (Spit Master Plan and Other Matters) Amendment Regulation 2019 (Subordinate Legislation 2019 No.243) amends Schedule 6 Part 3 stating that "Development local categorising instrument is prohibited from stating if the above operational work is assessable development".

Under Schedule 7 Part 3 this is placed in context, stating that *the above operational work* is accepted development.

4. APPENDICES

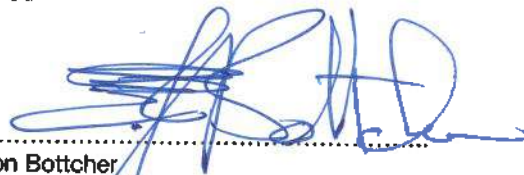
4.1. Site Plans/Aerial Photos

- 4.1.1. Aerial photo of site and surrounding areas
- 4.1.2. Aerial photo of site
- 4.1.3. State Bushfire Hazard mapping
- 4.1.4. Aerial photo with keys to proposed vegetation management basis
- 4.1.5. Aerial photo showing existing and proposed management areas.
- 4.1.6. Site plan identifying significant trees and applicable heights

4.2. Supporting Regional Ecosystem Information

5. PROFILE

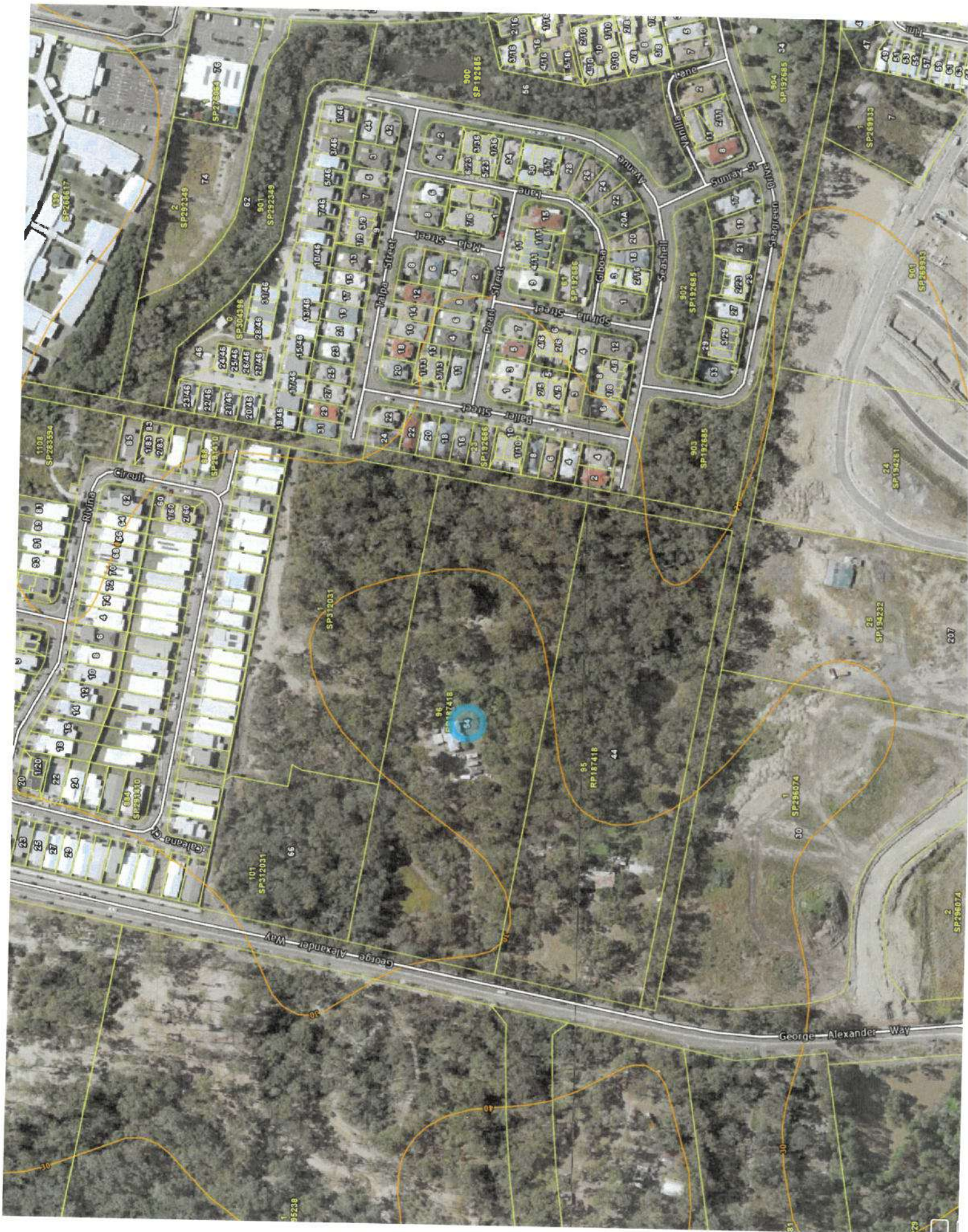
Signed

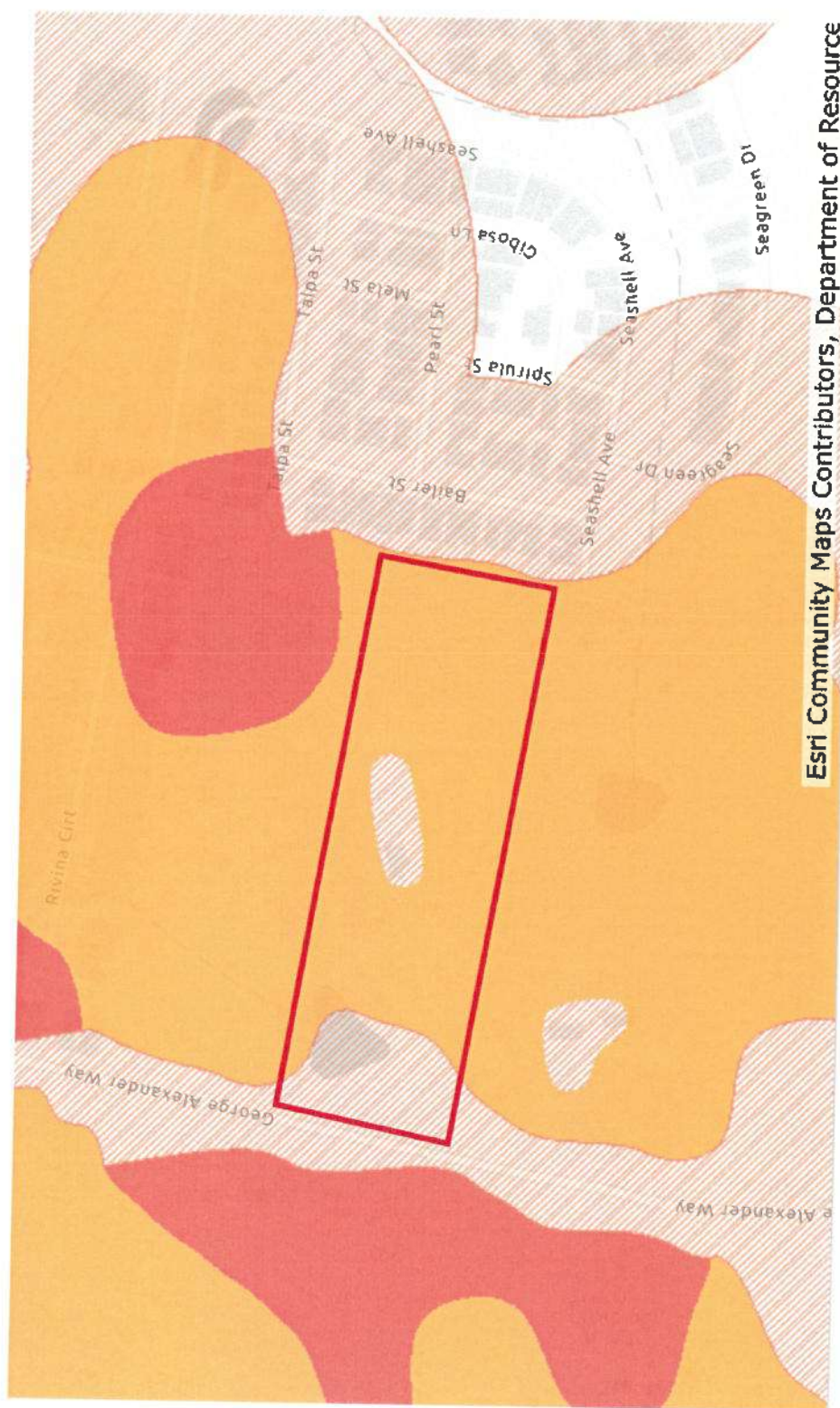


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Architect
BPAD-L3 Practitioner



**APPENDIX 4.1
SITE PLANS/AERIAL PHOTOS**





Select Parcels on Map

Clear All

Show All

[Print Report](#)

- 96RP187418

SEQ REGIONAL PLAN TRIGGERS

- SEQ Regional Plan land use categories

FISH HABITAT AREAS

- Queensland waterways for waterway barrier works

WATER RESOURCES

- Water resource planning area boundaries

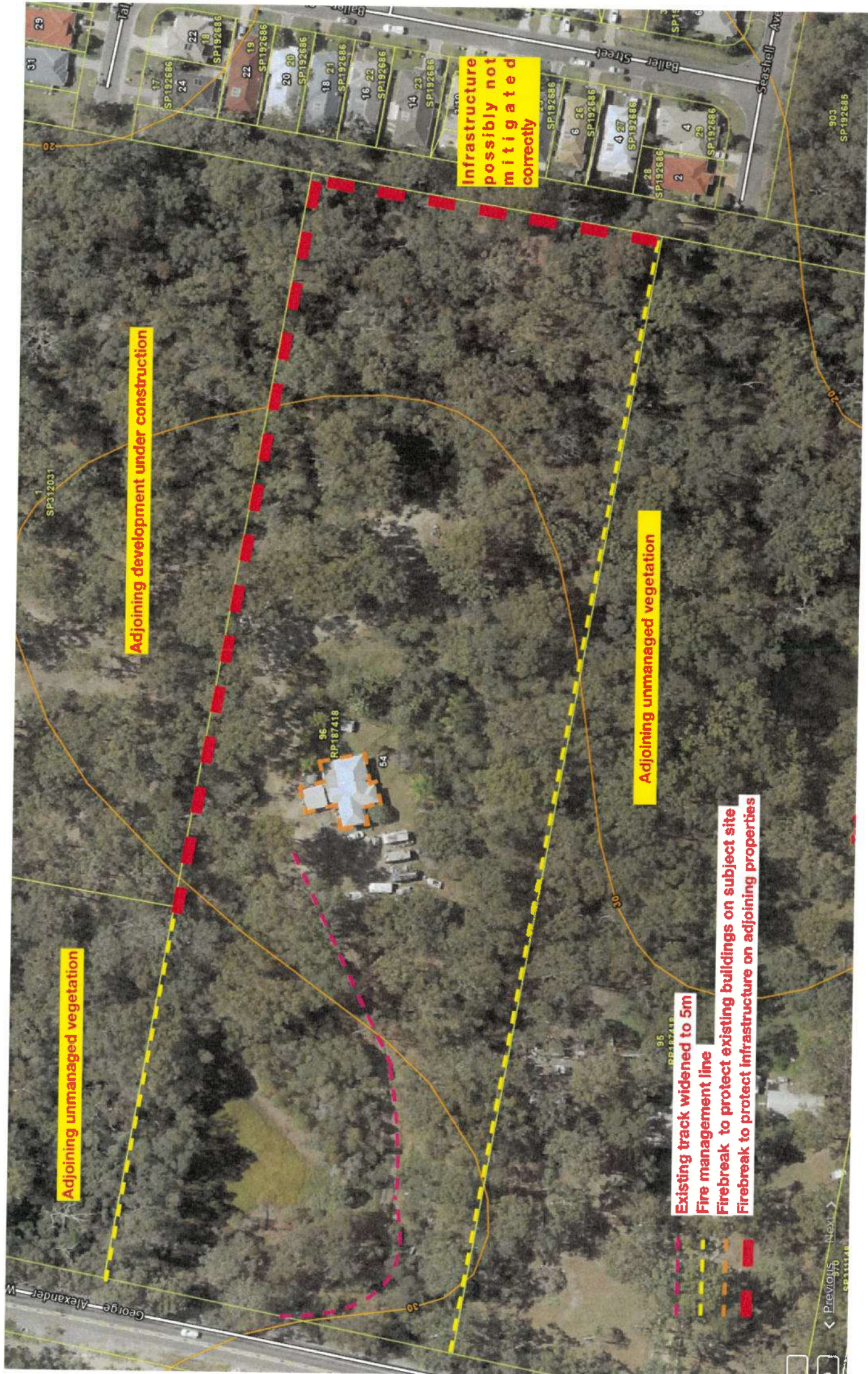
NATIVE VEGETATION CLEARING

- Regulated vegetation management map (Category A and B extract)

KOALA HABITAT AREA

- Core koala habitat area

Lot: 96
Plan: RP187418
Loc.: Coomera
Shire: Gold Coast City
Tenure: Freehold
Lot Type: Base
Area: 30100 sqm

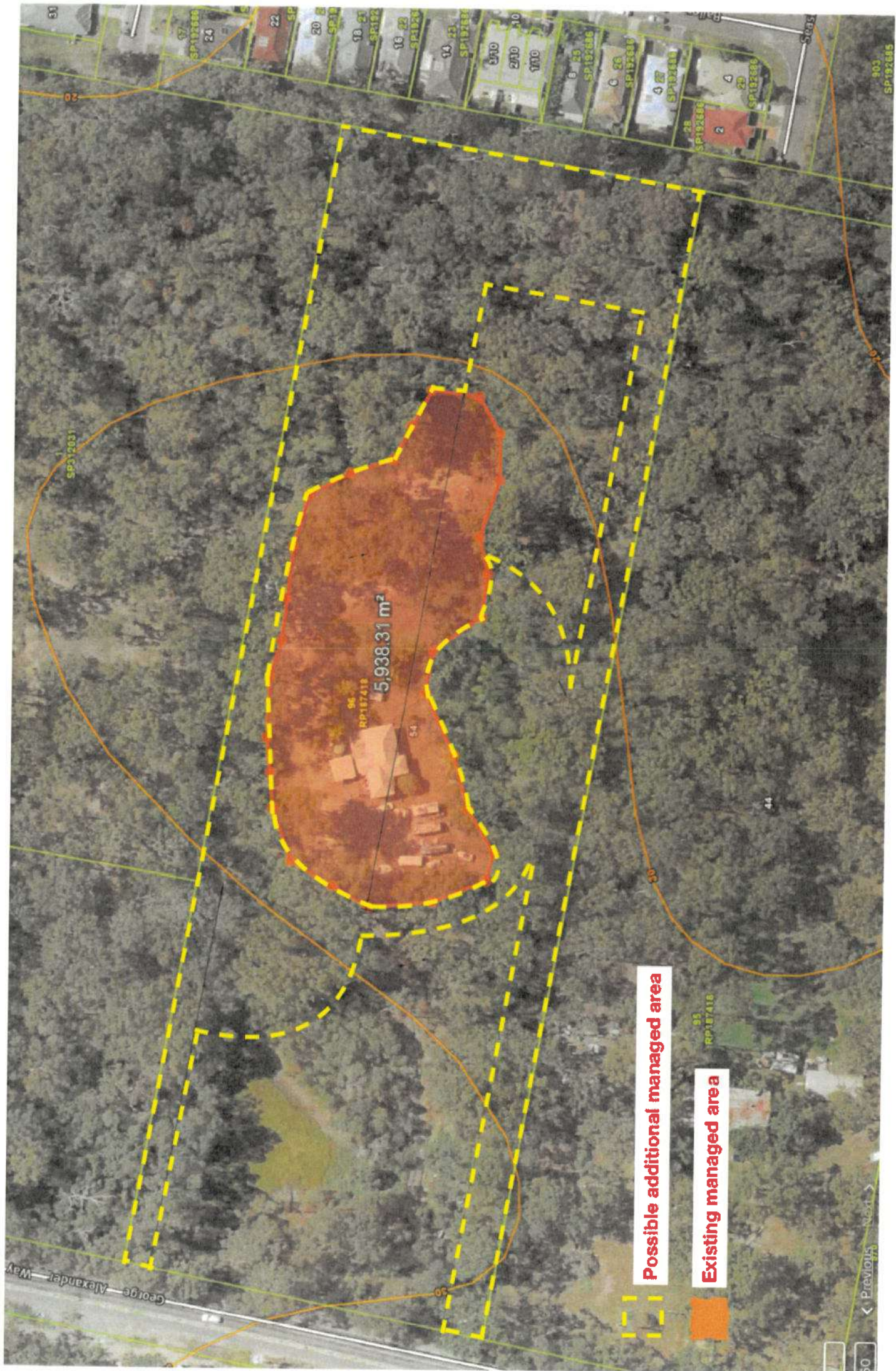


Adjoining unmanaged vegetation

Adjoining development under construction

Infrastructure possibly not mitigated correctly

- Existing track widened to 5m
- Fire management line
- Firebreak to protect existing buildings on subject site
- Firebreak to protect infrastructure on adjoining properties



Possible additional managed area

Existing managed area



Note:
Boundaries are approximate only &
should not be used for design purposes.

GEORGE ALEXANDER WAY

101
SP3/2031

1
SP3/2031

96
RP187418

95
RP187418

Tree approx
23.5m high

Tree approx
30.25m high

Tree approx
31m high

Tree approx
29m high

Tree approx
29m high

ROAD

Scale 1:1000 - Lengths are in Metres.



SKETCH PLAN OF OBSERVED TREE HEIGHTS

Surveyed CW	Date 28.08.2022	Lot Description Lot 96 on RP187418	Scale @ A3 1: 1000
Project 54 George Alexander Way, Coomera		Locality: Coomera Local Government: Gold Coast City	

Plan of	Client
Checked CW	Keylin Group Pty Ltd

No.	Diagram	Date	Description
1	CW	04.07.2022	Original Issue

**saunders
havill
group**

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© surveying • town planning • urban design • environmental management • landscape architecture

APPENDIX 4.2
SUPPORTING REGIONAL ECOSYSTEM INFORMATION

RES	RES_Label	VHC	VHC_DESC
12.1.1	Casuarina glauca woodland on margins of marine clay plains	28.2	28.2 Woodlands in coastal locations with species such as she-oak or swamp box
12.1.2	Saltpan vegetation including grassland, herbland and sedgeland on marine clay plains	35.4	35.4 Tidal saltmarshes
12.1.3	Mangrove shrubland to low closed forest on marine clay plains and estuaries	35.3	35.3 Shrubland associated with mangroves and tidal saltmarshes
12.11.1	Simple notophyll vine forest often with abundant Archontophoenix cunninghamiana (gully vine forest) on metamorphics ± interbedded volcanics	4.1	4.1 Notophyll and notophyll palm or vine forest
12.11.10	Notophyll vine forest ± Araucaria cunninghamii on metamorphics ± interbedded volcanics	2.1	2.1 Complex to simple, semi-deciduous mesophyll to notophyll vine forest
12.11.11	Araucarian microphyll vine forest on metamorphics ± interbedded volcanics; usually southern half of bioregion	5.1	5.1 Notophyll to microphyll vine forests
12.11.12	Araucarian complex microphyll vine forest on metamorphics ± interbedded volcanics; usually northern half of bioregion	5.1	5.1 Notophyll to microphyll vine forests
12.11.13	Semi-evergreen vine thicket on metamorphics ± interbedded volcanics; usually northern half of bioregion	7.1	7.1 Semi-evergreen to deciduous microphyll vine forest
12.11.14	Eucalyptus crebra, E. tereticornis, Corymbia intermedia woodland on metamorphics ± interbedded volcanics	13.2	13.2 Dry to moist eucalypt woodlands on undulating metamorphics and granite
12.11.15	Eucalyptus tereticornis, Corymbia intermedia open woodland with Xanthorrhoea johnsonii understorey on serpentinite	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.16	Eucalyptus cloeziana open forest on metamorphics ± interbedded volcanics	8.1	8.1 Wet eucalypt tall open forest
12.11.16x1	Eucalyptus cloeziana ± E. propinqua, E. acmenoides, E. microcorys and E. grandis tall open forest on sedimentary rocks	8.1	8.1 Wet eucalypt tall open forest
12.11.17	Eucalyptus acmenoides or E. portuensis open forest on metamorphics ± interbedded volcanics	9.1	9.1 Moist to dry eucalypt open forests on coastal lowlands and ranges
12.11.18	Eucalyptus moluccana woodland on metamorphics ± interbedded volcanics	13.2	13.2 Dry to moist eucalypt woodlands on undulating metamorphics and granite
12.11.18a	Eucalyptus moluccana, E. tereticornis and Lophostemon confertus open forest in gullies on metamorphics ± interbedded volcanics	13.1	13.1 Dry to moist eucalypt open forests on undulating metamorphics and granite
12.11.19	Eucalyptus fibrosa subsp. fibrosa woodland on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.2	Eucalyptus saligna or E. grandis, E. microcorys, Lophostemon confertus tall open forest on metamorphics ± interbedded volcanics	8.1	8.1 Wet eucalypt tall open forest
12.11.20	Corymbia intermedia, Lophostemon suaveolens woodland on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.21	Allocasuarina luehmianii, Melaleuca nervosa woodland on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.22	Angophora leiocarpa, Eucalyptus crebra woodland on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.23	Eucalyptus pilularis open forest on coastal metamorphics and interbedded volcanics	8.1	8.1 Wet eucalypt tall open forest
12.11.3	Eucalyptus siderophloia, E. propinqua ± E. microcorys, Lophostemon confertus, Corymbia intermedia, E. acmenoides open forest on metamorphics ± interbedded volcanics	9.1	9.1 Moist to dry eucalypt open forests on coastal lowlands and ranges
12.11.3a	Lophostemon confertus ± Eucalyptus microcorys, E. carnea, E. propinqua, E. major, E. siderophloia woodland on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.3b	Eucalyptus pilularis tall open forest on subcoastal hills and ranges of metamorphics ± interbedded volcanics	8.1	8.1 Wet eucalypt tall open forest
12.11.4	Semi-evergreen vine thicket on metamorphics ± interbedded volcanics	7.1	7.1 Semi-evergreen to deciduous microphyll vine forest
12.11.5	Corymbia citriodora subsp. variegata, Eucalyptus siderophloia, E. major open forest on metamorphics ± interbedded volcanics	10.1	10.1 Spotted gum dominated open forests
12.11.5a	Eucalyptus lindalliae, E. carnea, Corymbia intermedia ± E. siderophloia or E. crebra, Corymbia citriodora subsp. variegata woodland on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.5e	Corymbia citriodora subsp. variegata woodland ± Eucalyptus siderophloia or crebra, E. carnea, E. acmenoides, E. propinqua on metamorphics ± interbedded volcanics	10.2	10.2 Spotted gum dominated woodlands
12.11.5h	Eucalyptus planchoniana woodland to open forest on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.5j	Eucalyptus racemosa subsp. racemosa and/or E. seeana and Corymbia intermedia woodland on metamorphics ± interbedded volcanics	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.11.5k	Corymbia henryi ± Eucalyptus crebra, E. carnea, E. lindalliae, E. fibrosa subsp. fibrosa woodland on metamorphics ± interbedded volcanics	10.2	10.2 Spotted gum dominated woodlands
12.11.6	Corymbia citriodora subsp. variegata, Eucalyptus crebra woodland on metamorphics ± interbedded volcanics	10.2	10.2 Spotted gum dominated woodlands
12.11.7	Eucalyptus crebra woodland on metamorphics ± interbedded volcanics	13.2	13.2 Dry to moist eucalypt woodlands on undulating metamorphics and granite
12.11.8	Eucalyptus melanophloia, E. crebra woodland on metamorphics ± interbedded volcanics	17.2	17.2 Dry woodlands dominated by poplar box, silver-leaved ironbark or White's ironbark on sand or depositional plains
12.11.9	Eucalyptus tereticornis open forest on metamorphics ± interbedded volcanics. Usually higher altitudes	9.1	9.1 Moist to dry eucalypt open forests on coastal lowlands and ranges
12.11.9x1	Eucalyptus montivaga open forest on metamorphics ± interbedded volcanics	8.1	8.1 Wet eucalypt tall open forest
12.12.1	Simple notophyll vine forest usually with abundant Archontophoenix cunninghamiana (gully vine forest) on Mesozoic to Proterozoic igneous rocks	4.1	4.1 Notophyll and notophyll palm or vine forest
12.12.10	Shrubland of rocky peaks on Mesozoic to Proterozoic igneous rocks	29.3	29.3 Heathlands and associated scrubs and shrublands
12.12.11	Eucalyptus portuensis or E. acmenoides, Corymbia trachyphloia subsp. trachyphloia woodland on Mesozoic to Proterozoic igneous rocks	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.12.12	Eucalyptus tereticornis, Corymbia intermedia, E. crebra ± Lophostemon suaveolens woodland on Mesozoic to Proterozoic igneous rocks	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
12.12.13	Araucarian complex microphyll to notophyll vine forest on Mesozoic to Proterozoic igneous rocks	2.1	2.1 Complex to simple, semi-deciduous mesophyll to notophyll vine forest
12.12.14	Eucalyptus racemosa subsp. racemosa ± Lophostemon confertus, Syncarpia glomulifera, Eucalyptus acmenoides woodland usually on rocky near coastal areas on Mesozoic to Proterozoic igneous rocks	9.2	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges

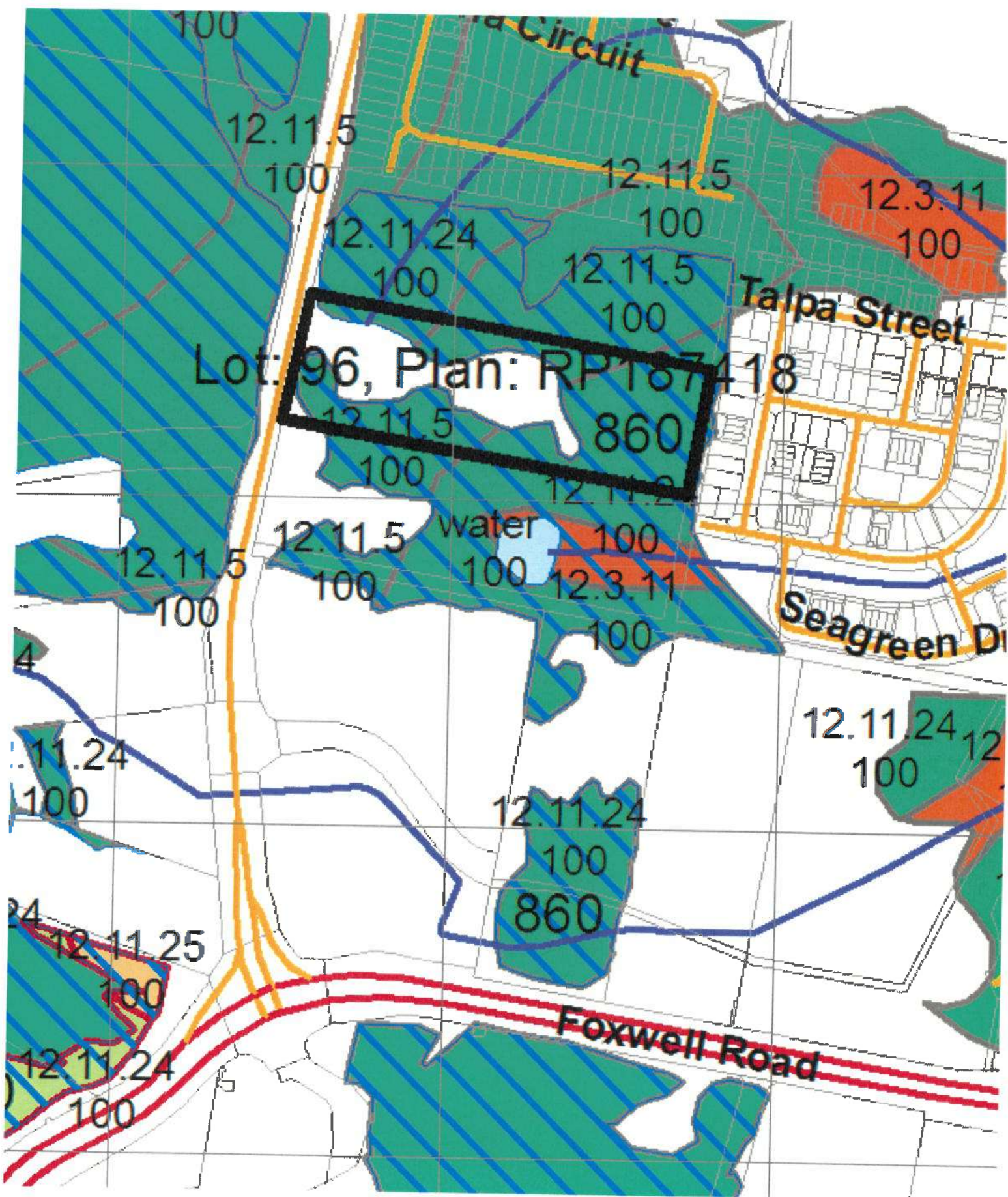
State-wide Bushfire Prone Area Mapping

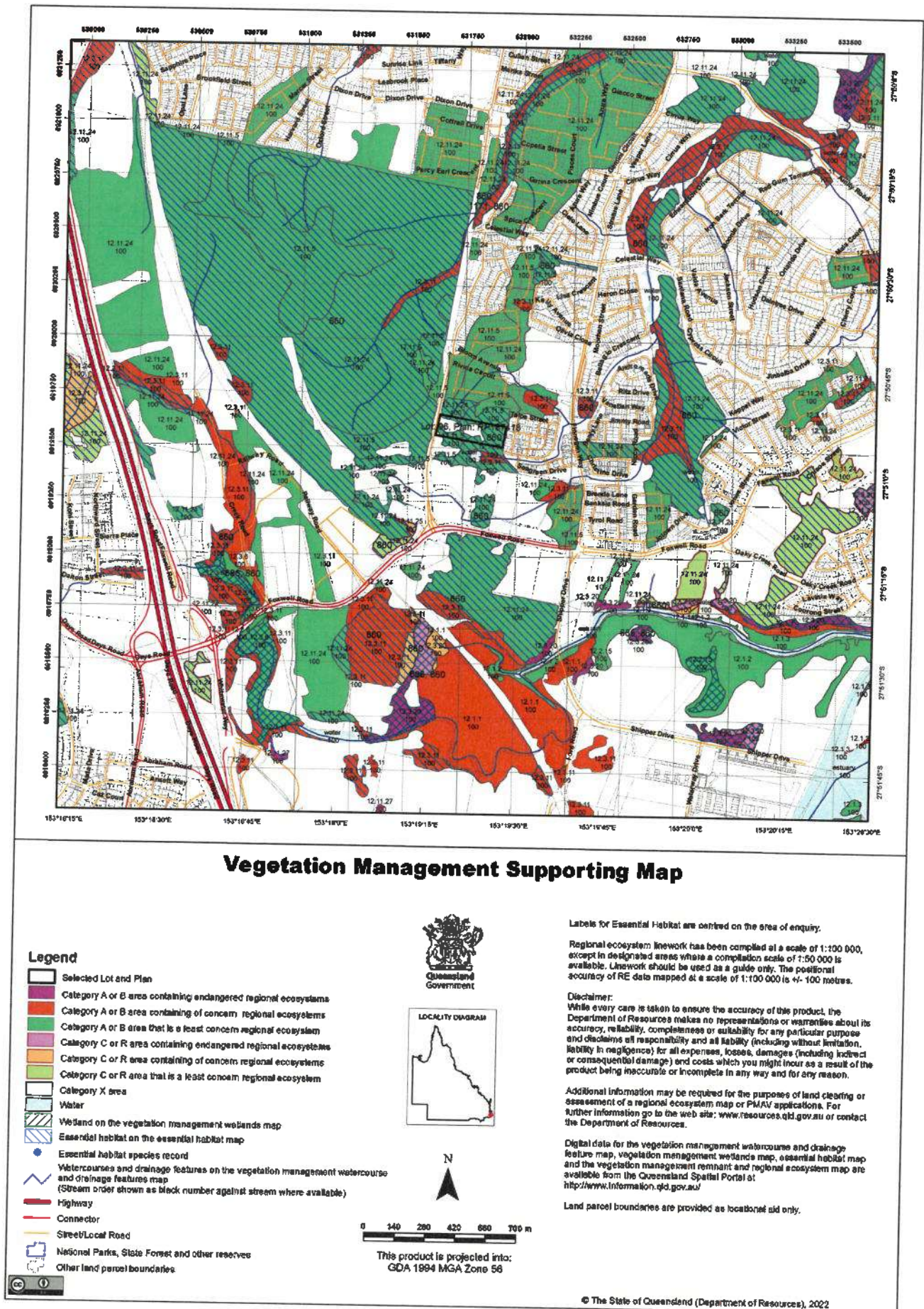
Vegetation Hazard Class Descriptions and Fuel Characteristics – Jan 2017

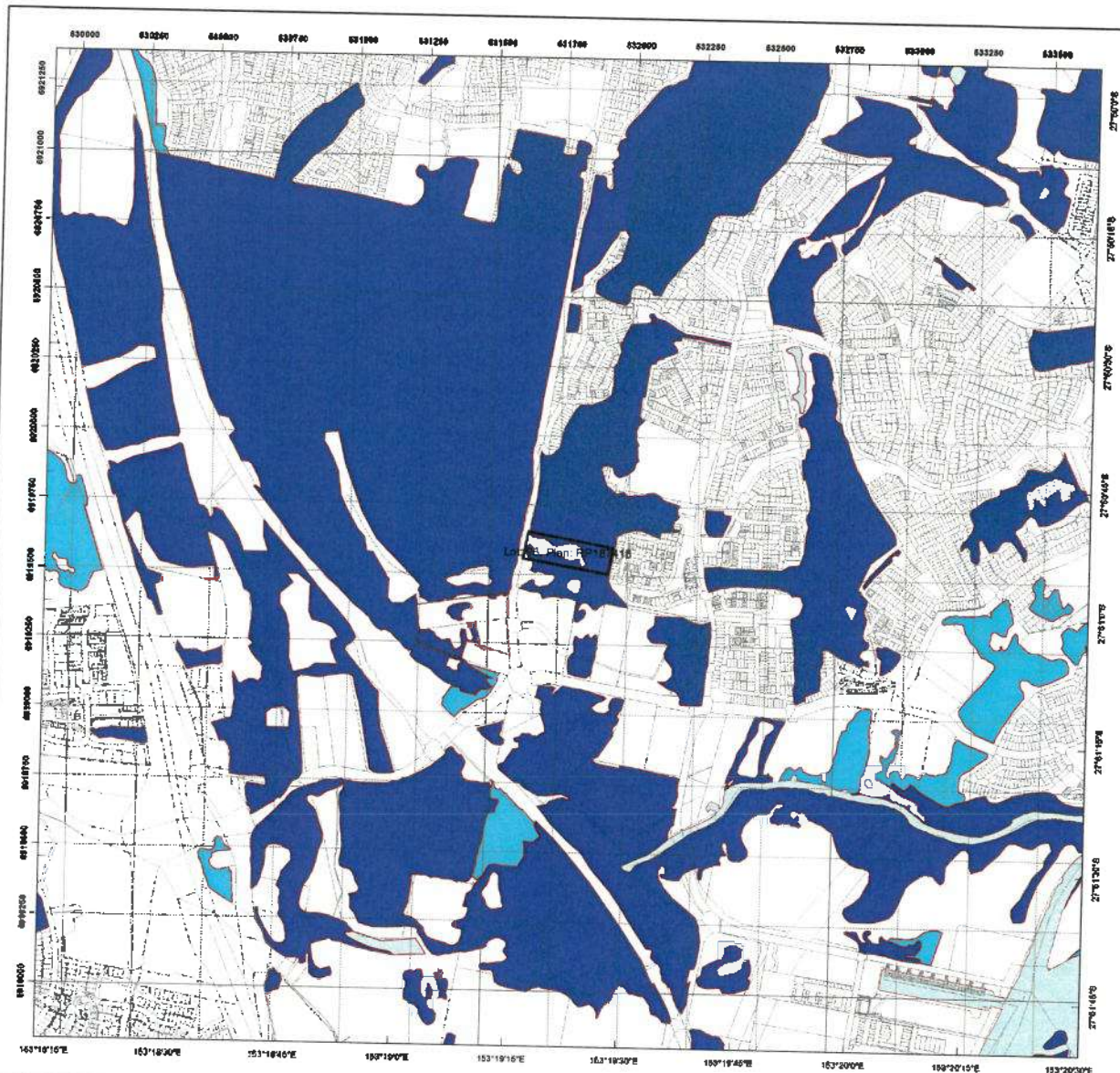
Vegetation Hazard Class	Potential Fuel Load (t/ha)						Prone Type ¹		Fuel Continuity ²	
	Surface	Near Surface	Elevated	Bark	Total (Remnant)	Total (Non-Remnant)	Remnant	Non-Remnant	Remnant	Non-Remnant
1.1 Complex mesophyll to notophyll vine forests	2.6	0.0	0.0	0.0	2.6	12.0	3	1	2	1
2.1 Complex to simple, semi-deciduous mesophyll to notophyll vine forest	3.5	0.0	0.0	0.0	3.5	12.0	3	1	2	1
3.1 Notophyll vine forest	4.5	0.0	0.0	0.0	4.5	12.0	3	1	2	1
3.3 Notophyll vine thicket	4.4	0.0	0.0	0.0	4.4	12.0	3	1	2	1
4.1 Notophyll and notophyll palm or vine forest	4.5	0.0	0.0	0.0	4.5	12.0	3	1	2	1
5.1 Notophyll to microphyll vine forests	3.9	0.0	0.0	0.0	3.9	12.0	3	1	2	1
5.2 Notophyll to microphyll vine forest with sparse overstorey	3.9	0.0	0.0	0.0	3.9	12.0	3	1	2	1
5.5 Sedgeland within Notophyll to microphyll vine forests	3.9	0.0	0.0	0.0	3.9	12.0	3	1	2	1
6.1 Montane Notophyll vine forest and microphyll fern forest	3.9	0.0	0.0	0.0	3.9	12.0	3	1	2	1
6.3 Montane Notophyll vine thicket and microphyll fern thicket	3.9	0.0	0.0	0.0	3.9	12.0	3	1	2	1
7.1 Semi-evergreen to deciduous microphyll vine forest	6.0	0.0	0.0	0.0	6.0	12.0	3	1	2	1
7.2 Sparse semi-evergreen to deciduous microphyll vine forest	6.0	0.0	0.0	0.0	6.0	12.0	3	1	2	1
8.1 Wet eucalypt tall open forest	28.0	3.0	2.0	2.0	35.0	35.0	1	1	1	1
8.2 Wet eucalypt tall woodland	18.0	3.1	1.7	1.0	23.8	23.8	1	1	1	1
9.1 Moist to dry eucalypt open forests on coastal lowlands and ranges	17.5	3.5	2.2	1.0	24.2	24.2	1	1	1	1
9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges	11.4	3.5	1.3	1.0	17.2	17.2	1	1	1	
9.3 Shrubland within moist to dry eucalypt on coastal lowlands and ranges	7.8	3.0	1.9	0.0	12.7	12.7	1	1	1	1
10.1 Spotted gum dominated open forests	16.3	3.0	1.5	0.0	20.8	20.8	1	1	1	1
10.2 Spotted gum dominated woodlands	14.0	3.0	1.0	0.0	18.0	18.0	1	1	1	1
11.2 Moist to dry eucalypt woodlands on basalt areas	7.5	4.0	0.5	1.0	13.0	13.0	1	1	1	1
12.1 Dry eucalypt open forest on sandstone and shallow soils	15.0	3.5	1.5	1.0	21.0	21.0	1	1	1	1
12.2 Dry eucalypt woodlands on sandstone and shallow soils	12.0	2.6	1.8	1.0	17.4	17.4	1	1	1	1
13.1 Dry to moist eucalypt open forests on undulating metamorphics and granite	15.9	3.5	1.4	1.0	21.8	21.8	1	1	1	1

¹ Prone Type: 1 = Bushfire Prone, 2 = Grass Fire Prone, 3 = Low Hazard

² Fuel Continuity: 1 = Continuous, 2 = Discontinuous







Regulated Vegetation Management Map

Legend

- Selected Lot and Plan
- Category A area (Vegetation offsets/compliance notices/VDecs)
- Category B area (Remnant vegetation)
- Category C area (High-value regrowth vegetation)
- Category R area (Reef regrowth watercourse vegetation)
- Category X area (Exempt clearing work on Freehold, Indigenous and Leasehold land)
- Water
- Area not categorised
- Other land parcel boundaries



0 200 400 600 800 1,000 m

This product is projected into:
 GDA 1994 MGA Zone 56

Disclaimer:

While every care is taken to ensure the accuracy of this product, the Department of Resources makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

Additional information required for the assessment of vegetation values is provided in the accompanying "Vegetation Management Supporting map". For further information go to the web site: www.resources.qld.gov.au or contact the Department of Resources.

Digital data for the regulated vegetation management map is available from the Queensland Spatial Portal at <http://www.information.qld.gov.au/>

Land parcel boundaries are provided as locational aid only.

This map is updated on a monthly basis to ensure new PMAVs are included as they are approved.



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5 PROFILE**ELDON BOTTCHER****EDUCATION AND QUALIFICATIONS**

Graduate Diploma in Design in Bushfire Prone Areas
University of Western Sydney

Diploma in Architecture

Queensland Institute of Technology

Certificate of Rural Fire Management

University of Southern Queensland

Registered Architect

Queensland

A+ Architect

Australian Institute of Architects

FPA Australia Certified Practitioner (BPAD-Level 3-16936)

Bushfire Planning and Design (BPAD-LEVEL 3),
Alternate Solutions & DTS

PROFESSIONAL MEMBERSHIPS

Fellow

Australian Institute of Architects

Member

Australian Institute of Emergency Services

Member

Australian Institute of Engineers Society of Fire Safety

Member

Queensland Environmental Law Association.

Member Board of Experts

Bushfire Building Council of Australia

Associate Member

Institution of Fire Engineers

Corporate Member

Fire Protection Association of Australia

PROFESSIONAL EXPERIENCE

Director

Eldon Bottcher Architect Pty Ltd since 1978

Bushfire Assessment and Planning Consultant since
1998

Group Officer

Albert Rural Fire Brigades Group

Queensland Fire and Rescue Service

Group Officer

Gold Coast Rural Fire Brigades Group

Queensland Fire and Rescue Service

Group Officer

South East Regional Support Group

Queensland Fire and Rescue Service

Planning Officer

Gold Coast Rural Fire Brigades Group

Queensland Fire and Rescue Service

Member Practice Committee AIA Qld Chapter

BBCA representation to Australian Standards

Committee FP20 (AS 3959 & AS 5414)

Life Member

Guanaba Rural Fire Brigade

Member

Clagiraba Rural Fire Brigade

OTHER BUSHFIRE RELATED COURSES AND TRAINING

I.C.S./AIIIMS (40 hr. course) in Incident Command Systems

Certificate 4 (Workplace Training and Assessment)

RFSQ Level 1

RFSQ Level 2 (Officer)

RFSQ Fire Management 1

RFSQ Crew Leader

Certificate II in Public Safety (Firefighting Operations)

Fire Weather 1

QELA Expert Witness Workshop 2020

BUSHFIRE RELATED AWARDS

National Planning Award

State Planning Award

Planning Institute of Australia

Gold Coast Bushfire Management Strategy

(Co-Initiator and Member of Preparation Committee)

Australian Government

National Medal

Long and Distinguished Service to Fire fighting

Queensland Fire and Rescue Service

Diligent and Ethical Service Medal + Clasp

Service to Fire fighting

Queensland Government

Australia Day Medallion

Services to Rural Fire Fighting

Queensland Government

Year of the Volunteer Medallion

Services to Fire fighting

UDIA

Best Consultancy Team Award in 2007.

SERVICES OFFERED

Bushfire management Reports

Bushfire Safety Engineering

Bushfire Planning and Design

Bushfire Hazard Assessment

Alternative Solutions

Expert Witnessing

(See Planning and Environment Court of Queensland
Determination

File No. BD 624 of 2005 sections 28 to 35)

Continuing Professional Development Lectures

Tertiary Education Lectures and Tutorials

Town Planning Bushfire Codes for Local Authorities

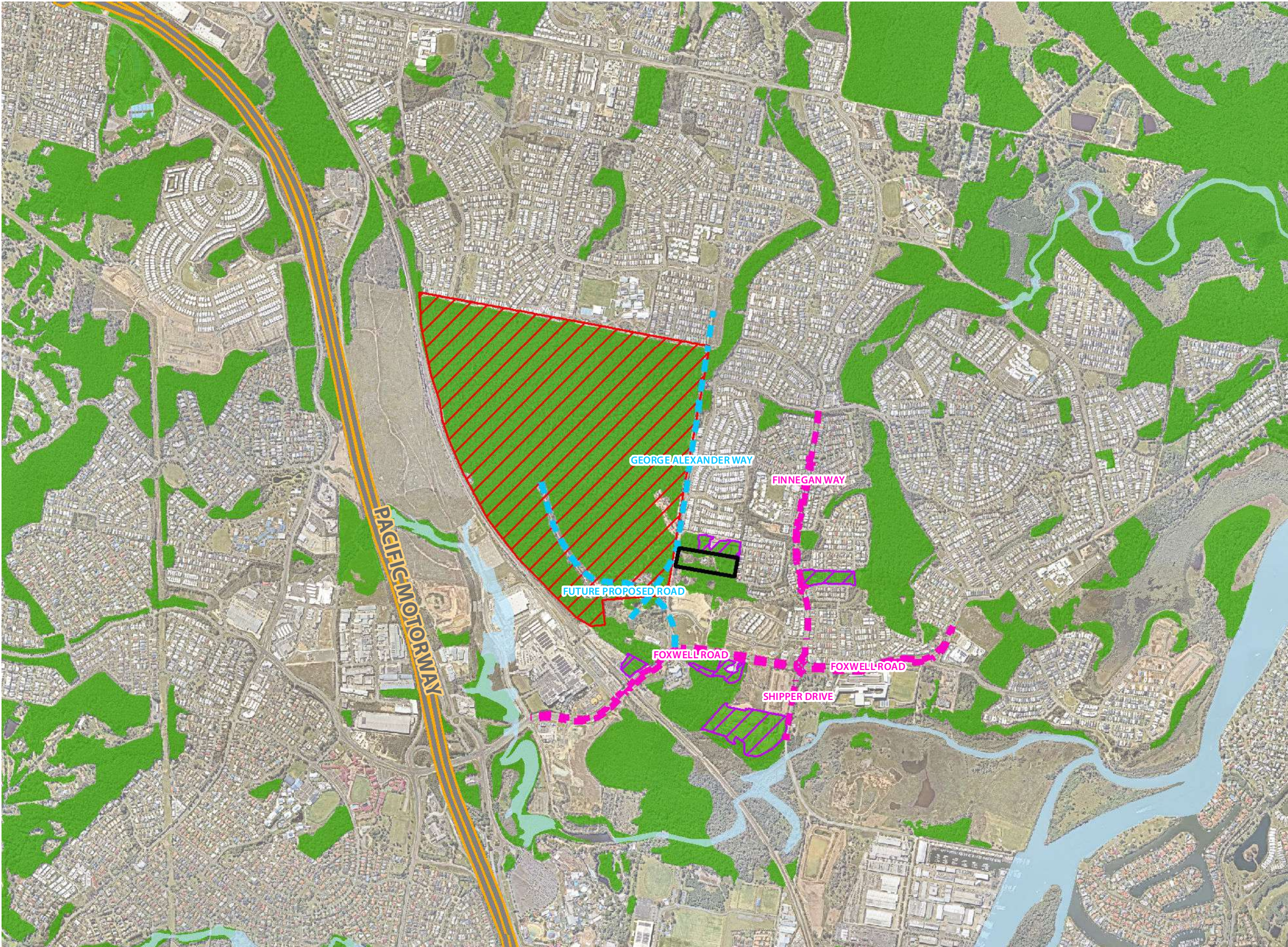
Bushfire Burn Planning

**General consultancy relating to all aspects of
Bushfire**

Attachment E

Updated Koala Connectivity Plan

2. Koala Connectivity Assessment



Notes:
This plan was prepared as a desktop assessment tool. The information on this plan is not suitable for any other purpose. Property dimensions, areas, numbers of lots and contours and other physical features shown have been compiled from existing information and may not have been verified by field survey. These may need verification if the development application is approved and development proceeds, and may change when a full survey is undertaken or in order to comply with development approval conditions. No reliance should be placed on the information on this plan for detailed design or for any financial dealings involving the land. Saunders Havill Group therefore disclaims any liability for any loss or damage whatsoever or howsoever incurred, arising from any party using or relying upon this plan for any purpose other than as a document prepared for the sole purpose of accompanying a development application and which may be subject to alteration beyond the control of the Saunders Havill Group. Unless a development approval states otherwise, this is not an approved plan.

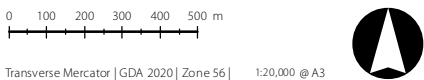
Layer Sources
© State of Queensland (Department of Resources) 2023.
Updated data available at
<http://qldspatialinformation.qld.gov.au/catalogue/>
© Neamap, 2023

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Legend

- Site DCDB
- Connectivity
 - Koala habitat areas
- Impediments
 - Major & arterial roads
 - Trunk road infrastructure
 - Proposed trunk road infrastructure
- Future masterplanned development – Coomera Woods (EPBC 2017/8134)
- Cleared Koala habitat areas
- Waterways

Issue	Date	Description	Drawn	Checked
A	8/06/2023	Preliminary	TF	AW



Attachment F

Updated Koala Management Plan



Koala Management Plan

SDAP v3.0 State Code 25 (Qld)

54 George Alexander Way, Coomera, Queensland 4209
Prepared for Coomera GA Pty Ltd

30 June 2023

Job 11241

Document Control

Document: State Code 25 (Qld) Koala Management Plan – 54 George Alexander Way, Coomera, prepared by Saunders Havill Group for Coomera GA Pty Ltd, dated 30 June 2023.

Document Issue

Issue	Date	Prepared by	Checked by
Issue A	01/02/2023	MD/AW	KT
Issue B	03/02/2023	KT	KT
Issue C	19/06/2023	AW	AW
Issue D	30/06/2023	AW	AW

Prepared by

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ABN 24 144 972 949

www.saundershavill.com

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Acronyms and Abbreviations

Legislation, policies and guidelines

Draft Code	<i>Draft Code of Practice for the Welfare of Animals Affected by Land-clearing and Other Habitat Impacts</i>
EMP Guidelines	<i>Environmental Management Plan Guidelines, prepared by the Commonwealth of Australia, 2014</i>
VMA	<i>Vegetation Management Act 1999 (Qld)</i>

Government departments

CGC	City of Gold Coast
DES	Department of Environment and Science (Qld)
DSDILGP	Department of State Development, Infrastructure, Local Government and Planning (Qld)

General terms

CPP	<i>Gold Coast City Plan 2016 City Plan Policy – Ecological site assessments</i>
DBH	Diameter at Breast Height
ha	hectares
km	kilometres
KMP	Koala Management Plan
mm	millimetres
PO	Performance Outcome
RE	Regional Ecosystems
SAT	Spot Assessment Technique
SDAP	State Development Assessment Provisions
SHG	Saunders Havill Group
VCFMP	Vegetation Clearing and Fauna Management Plan
WHIMP	Wildlife Habitat Impact Mitigation Plan
WPMP	Wildlife Protection and Management Plan

1. Introduction

Saunders Havill Group (SHG) have been engaged by Coomera GA Pty Ltd to prepare a Koala Management Plan (KMP) to demonstrate compliance with the State Development Assessment Provisions (SDAP) *State Code 25: Development in South East Queensland Koala habitat areas version 3* (State Code 25), implemented by the Department of State Development, Infrastructure, Local Government and Planning (DSDILGP). Specifically, this KMP is required to demonstrate compliance with Performance Outcome 10 (PO10) within the State Code 25, to demonstrate the development within a mapped KHA is undertaken in a way that prevents the risk of injury or death of Koalas.

This KMP has been prepared in accordance with the document *Environmental Management Plan Guidelines, prepared by the Commonwealth of Australia, 2014* (EMP Guidelines). The purpose of this KMP is to provide a single explanatory management document for the inclusion in the design, construction and operation of the development. The objectives of this KMP are as follows:

- 1) To highlight the existing flora, fauna and ecosystem values on the subject site and in surrounding areas;
- 2) Describe key results from survey data, including Koala occurrence and the availability and quality of habitat;
- 3) Identify key direct and indirect impacts on Koalas and describe proposed avoidance and mitigation measures; and,
- 4) List out actions and legislative requirements to be implemented to manage construction impacts.

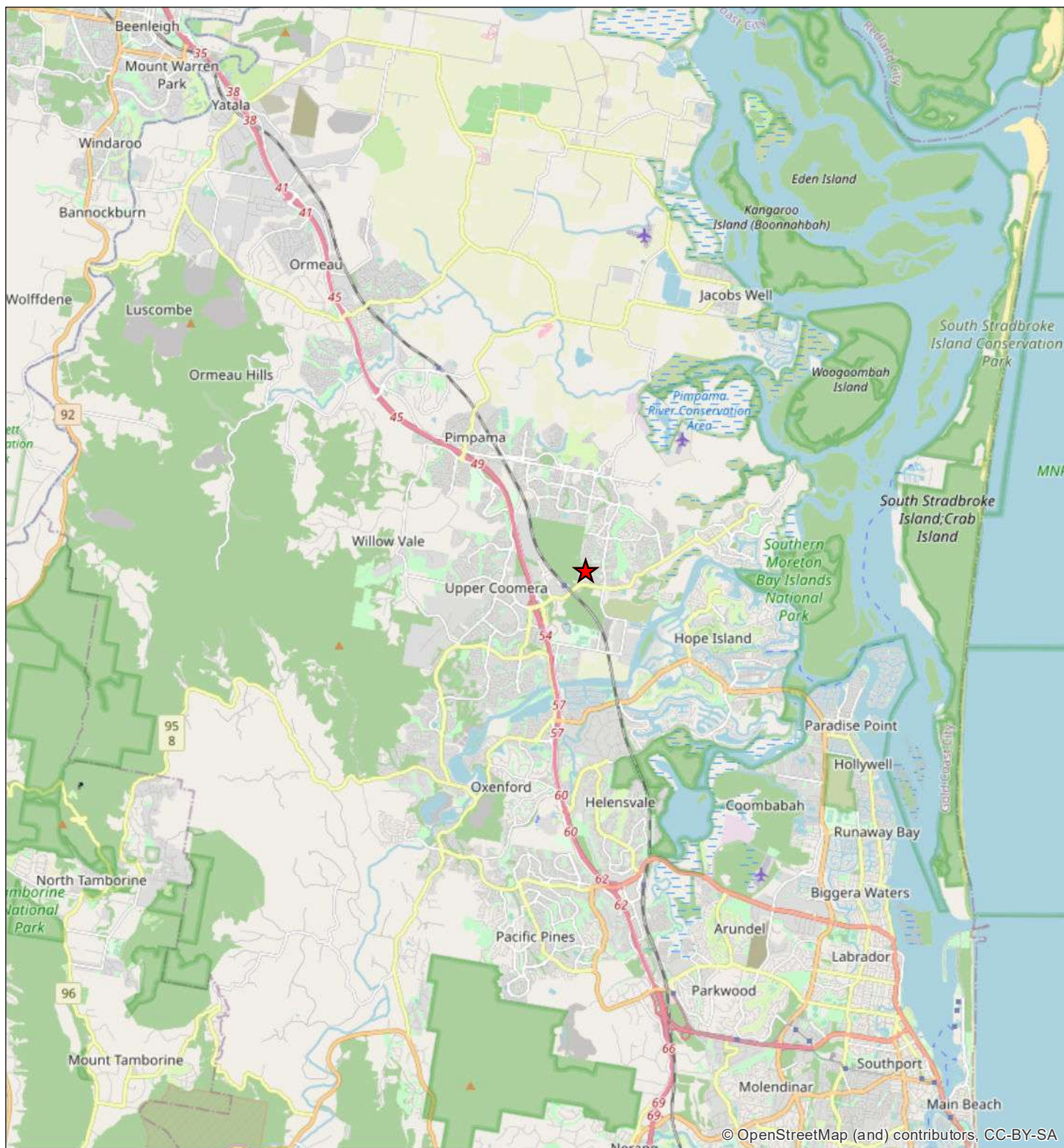
2. Project description

The subject site is located at 54 George Alexander Way, Coomera, Queensland, and is described as Lot 96 on RP187418. Contextually, the site comprises approximately 3.01 hectares (ha) located within the suburb of Coomera.

Parts of the site have been historically cleared and modified for previous residential purposes (refer **Figure 1** for Site Context and **Figure 2** for Site Aerial). Currently, the site is surrounded by residential developments to the east, a new residential development under construction to the north and a larger vegetated lot to the south. Vegetation exists to the west; however, the site is bound by George Alexander Way to the west. The wider landscape is characterised by significant urban development with a mix of residential, commercial, and retail land uses and is bisected by major infrastructure including the Gold Coast Railway Line and the Pacific Motorway.

The proposed development is to reconfigure one (1) lot into twenty-two (22) residential lots including internal access roads, a stormwater detention basin and park area. The development footprint is located in the eastern portion of the site within the area zoned as medium density residential under the *Gold Coast City Plan 2015*. The western portion of the site is zoned as high density residential. Proposed works are considered to meet planning intent of the City Plan. Furthermore, the proposal is consistent with surrounding land uses, being residential uses located to the east and residential development under construction immediately north of the subject site. The project has been designed to link to the adjoining northern development as it will be accessible via access roads to the north.

The site is not located within a KPA, however, approximately 2.0 ha of KHA is mapped across the site (refer **Figure 3**). The subject site is located at the edge of a development and represents a logical area to progress development within the rapidly urbanising Coomera Urban Centre as it will reduce impacts such as fragmentation of habitat values.



Legend

★ Site Location

Figure 1
Site Context

Coomera GA
Pty Ltd

File ref. 11241 E Figure 1 Site Context A
Date 2/02/2023
Project George Alexander Way, Coomera

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0 1 2 3 4 5 km

Scale (A4): 1:150,000 [GDA 2020 MGA Z56]



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Legend

-  Site DCDB
-  Qld DCDB

Figure 2

Site Aerial

Coomera GA
Pty Ltd

File ref. 11241 E Figure 2 Site Aerial A
Date 2/02/2023
Project George Alexander Way, Coomera

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0 10 20 30 40 50 m

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Legend

-  Site DCDB
-  Qld DCDB

Koala Habitat Areas

-  Core Remnant Koala Habitat Areas
-  Core Regrowth Koala Habitat Areas
-  Locally Refined Koala Habitat Areas
-  Koala Priority Areas

Figure 3

Koala Priority Areas and
Koala Habitat Areas

File ref. 11241 E Figure 3 Koala 2019 A
Date 2/02/2023
Project George Alexander Way, Coomera

0 10 20 30 40 50 m

Scale (A4): 1:2,000 [GDA 2020 MGA Z56]



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3. Summary of Ecological values

Two Ecologists from SHG assessed the project area on 18 October 2022. The entire site was traversed by foot to ensure all vegetation communities, and flora and fauna species were recorded. Particular attention was paid to threatened flora and habitat for threatened fauna species that were listed as possibly occurring on or within the vicinity of the development site, and specific micro assemblages which may support these threatened species.

This included a detailed tree plot to confirm vegetation habitat structure and status, and meandering searches for presence of Koala in the forms of scats and specimens where habitat was considered of suitable size and structure to potentially support Koala. As detailed in the State Code 25 Response and Ecological Assessment Report (EAR), the patch of KHA located on and directly adjoining the site is considered relatively isolated and is anticipated to become increasingly fragmented due to surrounding development approvals and as the planning intent is for medium and high-density residential areas.

The site is mapped as Category X (non-remnant) vegetation and Category B (remnant) vegetation containing Least Concern RE12.11.5 along the western section of the northern and southern boundaries and Least Concern RE 12.11.24 in the eastern portion (refer **Figure 4** and **Figure 5**). Regulated vegetation areas are also mapped as KHA and essential habitat for Koala under the State Planning Policy 2017 (SPP).

Field surveys confirmed on-ground vegetation values are generally reflective of regional ecosystem mapping. Modified areas containing minimal to no native vegetation values are located in the central portion the site and are generally associated with the dwelling and surrounding areas. Relatively intact eucalypt woodland is present within the mapped Category B (remnant) vegetation areas which contains large eucalypt species aligning with RE12.11.24 and RE12.11.5. *Corymbia citriodora* (Spotted Gum), *Eucalyptus fibrosa* (Broad-leaved Red Ironbark), *E. siderophloia* (Grey Ironbark), *E. microcorys* (Tallowwood), *E. carnea* (Broad-leaved White Mahogany) and *E. acemnoides* (White Mahogany).

The understorey contains a mix of *Acacia disparrima* (Hickory Wattle), *Lophostemon sauveolens* (Swamp Box), *Melaleuca saligna* (White Bottlebrush) and *Allocasuarina littoralis* (Black She-oak). The ground and shrub layer throughout the site is modified in previously cleared areas, particularly surrounding the dwelling. Ground layer weed species including *Senecio madagascariensis* (Fireweed) and *Ageratum houstonianum* (Blue Billygoat Weed) were recorded.

The property contains two constructed dams, one in the north-western corner of the site and a second smaller dam in the north-eastern corner. The dam in the north-eastern corner is surrounded by *Acacia disparrima* (Hickory Wattle) and *Acacia concurrens* (Black Wattle) along with *Lophostemon sauveolens* (Swamp Box) and *Allocasuarina littoralis* (Black She-Oak). Vegetation surrounding the second larger dam in the west includes *A. disparrima*, *L. sauveolens* and *Melaleuca saligna* (White Bottlebrush).

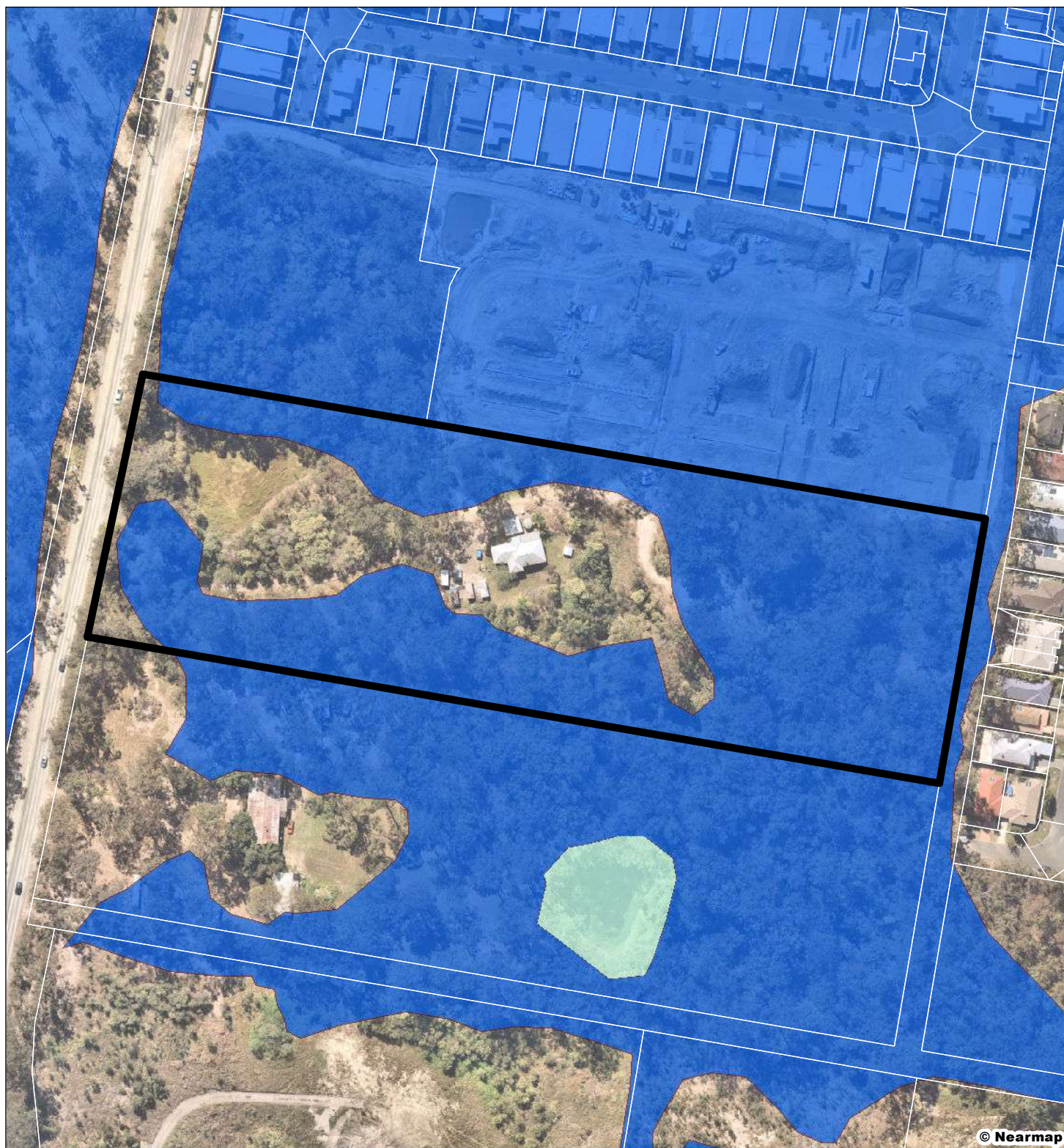
The field data collected during this period is considered to provide sufficient information to effectively understand and assess the existing ecological features and consequently the constraints that would influence the extent of developable land. The identification of ecological features considered to be of significance was

facilitated through application of the field survey methodology. Field surveys were conducted in accordance with State Guidelines and *Gold Coast City Plan 2016* City Plan Policy – Ecological site assessments (CPP).

Whilst the mapped KHA contains suitable Koala food and shelter trees, the on-site KHA is already relatively fragmented and considered unlikely to provide long-term value as a stepping-stone or patch habitat for Koala given the site is surrounded by residential development and George Alexander Way to the west.

Under the Planning Regulation framework's definition of exempted development, a total of 0.95 ha including 174 Non-Juvenile Koala Habitat Trees (NJKHTs) can be cleared for essential management for the purpose of bushfire risk mitigation. An additional 0.05 ha can be cleared as a one-off clearing area as exempted development and 0.29 ha as boundary clearing exemptions (refer **Plan 1**).

The proposed development proposes assessable impacts of 0.39 ha of mapped KHA containing 107 NJKHTs (refer **Plan 2**).



Legend



Site DCDB



Qld DCDB

Regulated Vegetation



Category A area -
Vegetation Offset/Compliance
notices/VDecs



Category B area -
Remnant vegetation



Category C area -
High value regrowth
vegetation



Category R area -
Reef regrowth
watercourse vegetation



Category X area -
Vegetation not regulated
under the VMA



Water



Area not categorised

Figure 4

Regulated Vegetation Management Map

File ref. 11241 E Figure 4 RVMM A

Date 2/02/2023

Project George Alexander Way, Coomera

0 10 20 30 40 50 m

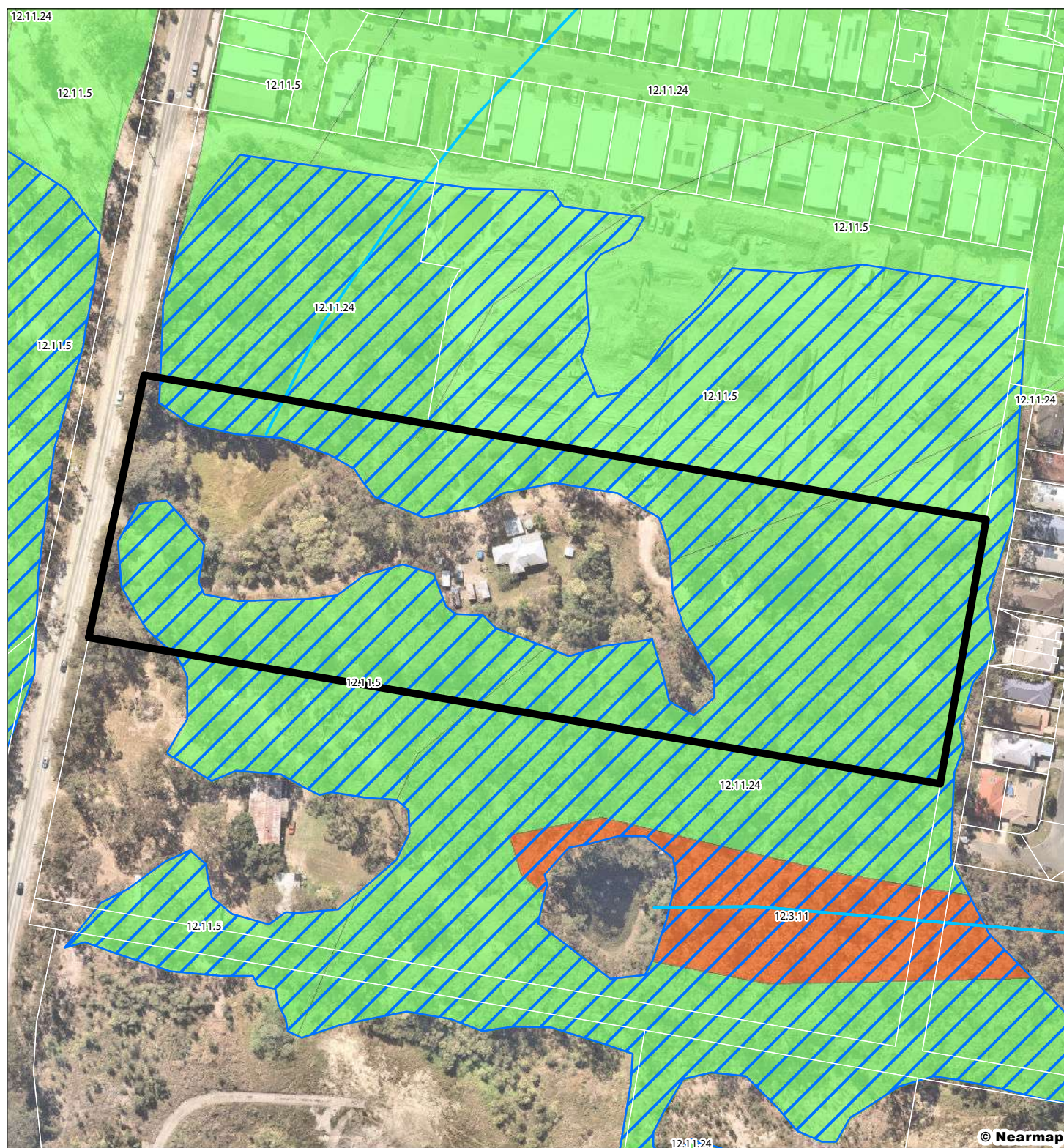
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Legend



Site DCDB



Qld DCDB



VM Watercourses



VM Essential Habitat



VM Wetland

Regional Ecosystems mapping



Category A or B area containing endangered regional ecosystems



Category A or B area containing of concern regional ecosystems



Category A or B area that is a least concern regional ecosystem



Category C area containing endangered regional ecosystems



Category C area containing of concern regional ecosystems



Category C area that is a least concern regional ecosystem

Figure 5

Regulated Vegetation Supporting Map

File ref. 11241 E Figure 5 RVSM A

Date 2/02/2023

Project George Alexander Way, Coomera

0 10 20 30 40 50 m

Scale (A4): 1:2,000 [GDA 2020 MGA Z56]

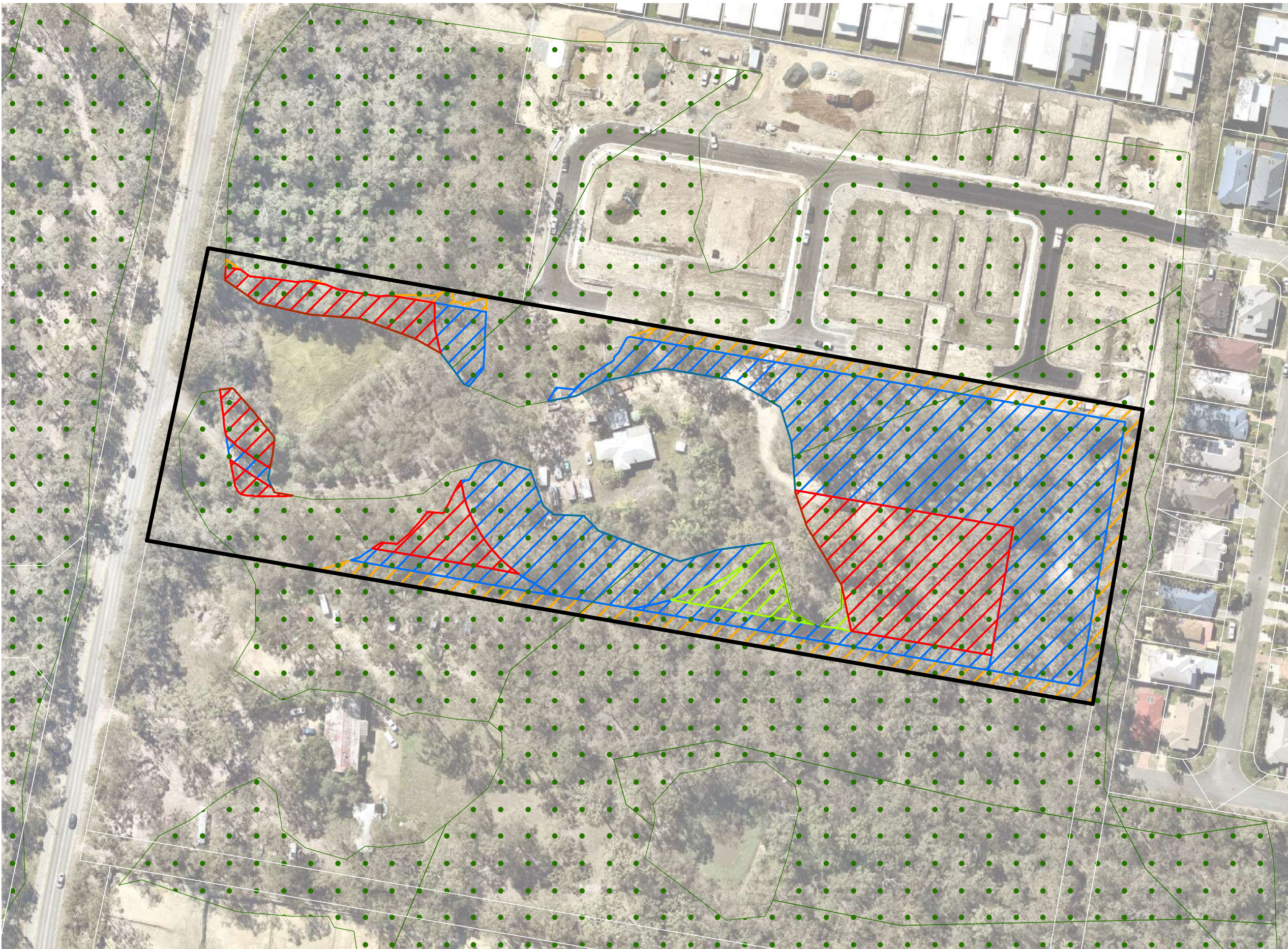


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1.0 Koala Habitat Area Exempted Development



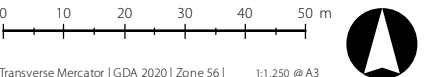
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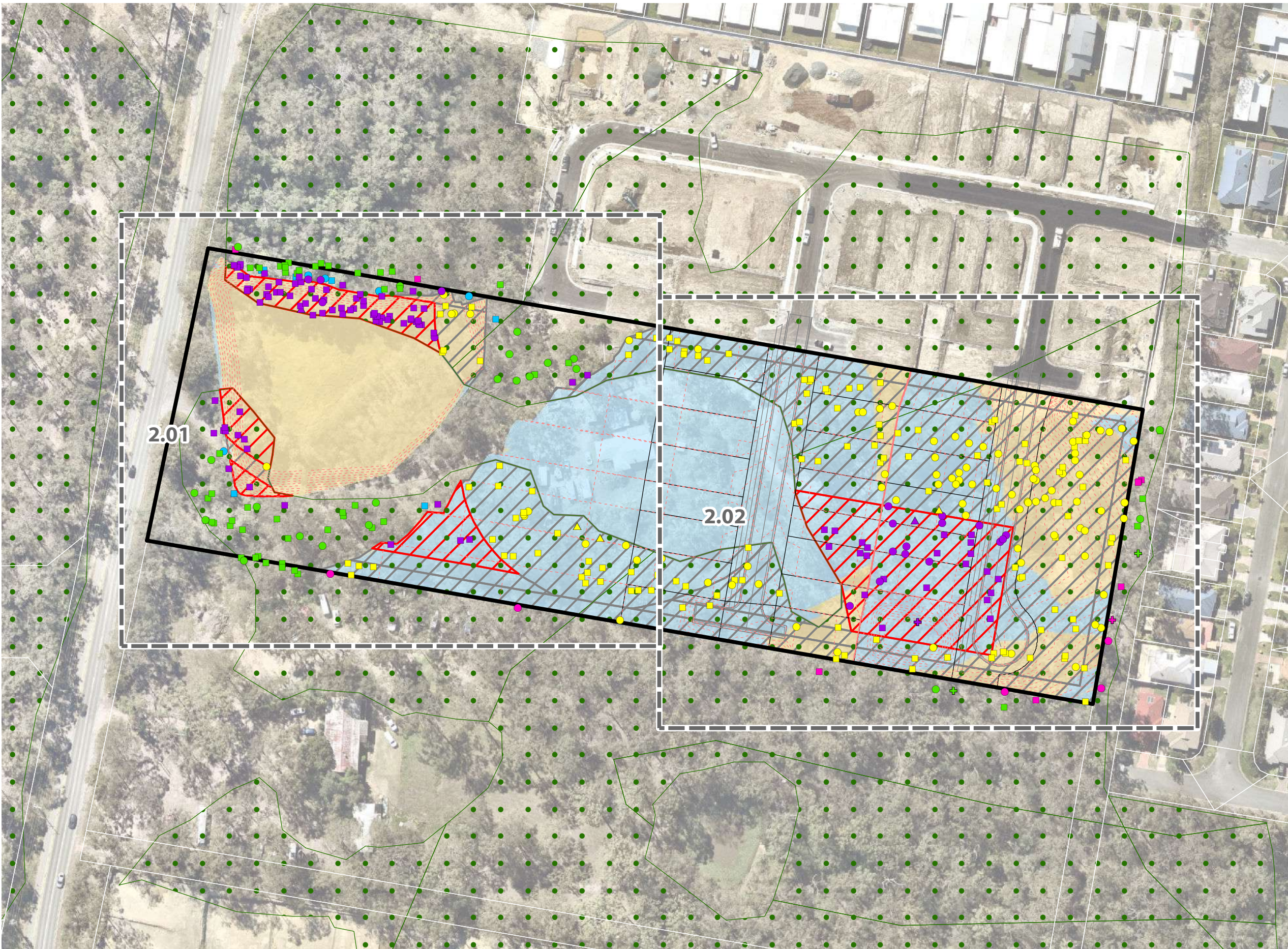
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- Legend
- Site DCDB
 - Qld DCDB
 - Koala Habitat Areas (KHA)
 - Koala Habitat Area that can be cleared under exempted development (k) 500 m2 exemption [0.05 ha]
 - Koala Habitat Area that can be cleared under exempted development (l) (i) boundary clearing [0.26 ha]
 - Koala Habitat Area that can be cleared under exempted development (n) (vii) essential management [0.95 ha]
 - Koala Habitat Area not under exempted development [0.39 ha]

Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW



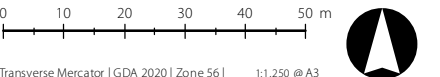
2.00 Koala Habitat Area Impact Assessment



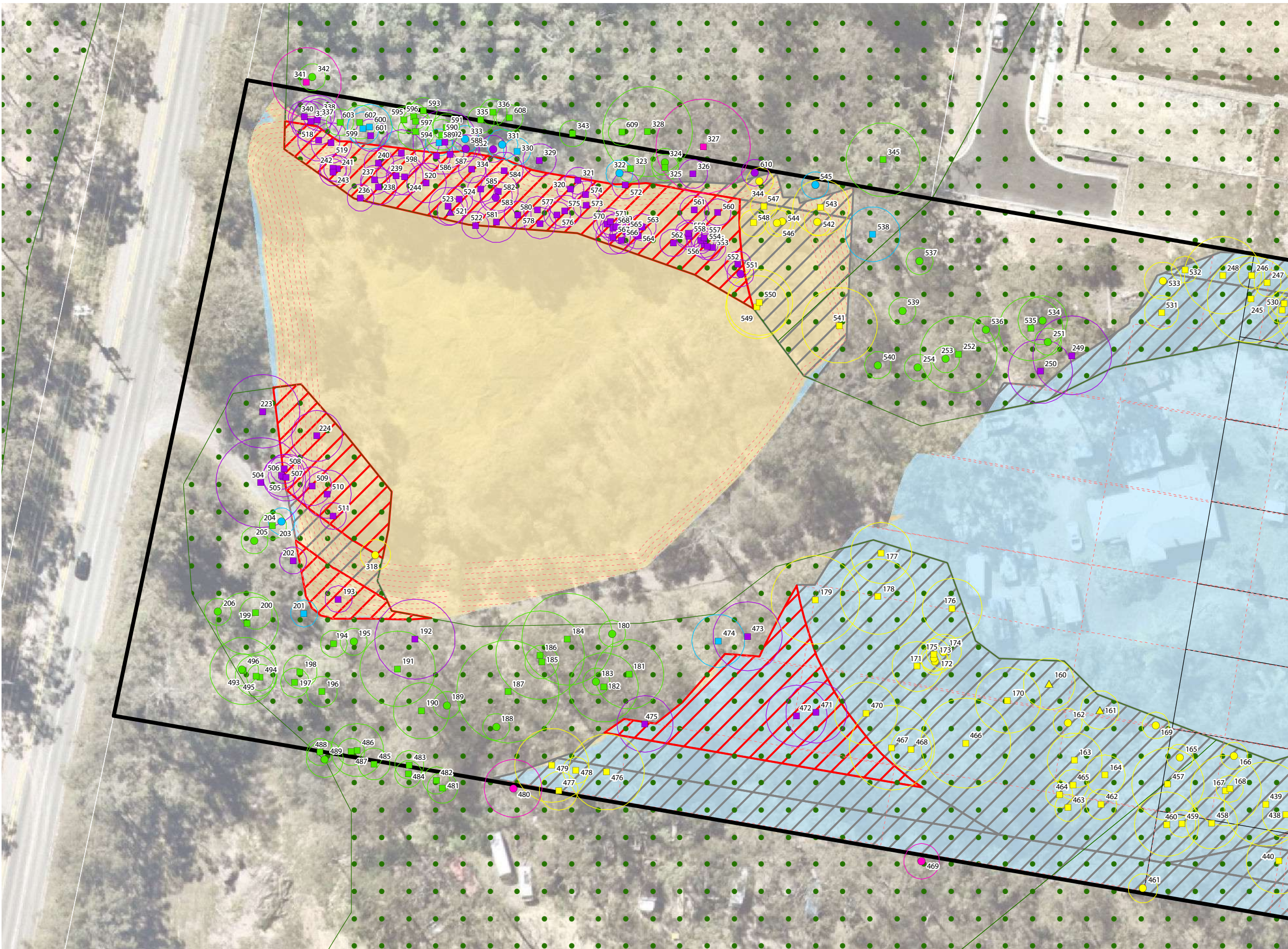
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- Legend**
- Site DCDB
 - Qld DCDB
 - Koala Habitat Areas (KHA)
 - Koala habitat that can be cleared as exempted development under Planning Regulation 2017
 - Koala habitat to be impacted outside of definition of exempted development [0.39 ha]
- Engineering Detail**
- Proposed Lot Boundaries
 - Proposed Road Design
 - Design Contours
 - Earthworks (Extent of Cut)
 - Earthworks (Extent of Fill)
- GPS Tree Plot within KHA**
- Non-juvenile Koala habitat tree [50]
 - Native tree [22]
 - Dead/stag tree [2]
 - Non-juvenile Koala habitat tree retention subject to arborist assessment [7]
 - Native tree retention subject to arborist assessment [5]
 - Non-juvenile Koala habitat tree in neighbouring lot, retention subject to arborist assessment [8]
 - Native tree in neighbouring lot, retention subject to arborist assessment [5]
 - Dead/stag tree in neighbouring lot, retention subject to arborist assessment [1]
 - Non-juvenile Koala habitat tree to remove [102]
 - Native tree to remove [19]
 - Dead/stag tree to remove [1]
 - Introduced species/environmental weed to remove [2]
 - Non-juvenile Koala habitat tree to remove as exempted development [124]
 - Native tree to remove as exempted development [85]
 - Introduced species/environmental weed to remove as exempted development [3]

Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW



2.01 Koala Habitat Area Impact Assessment



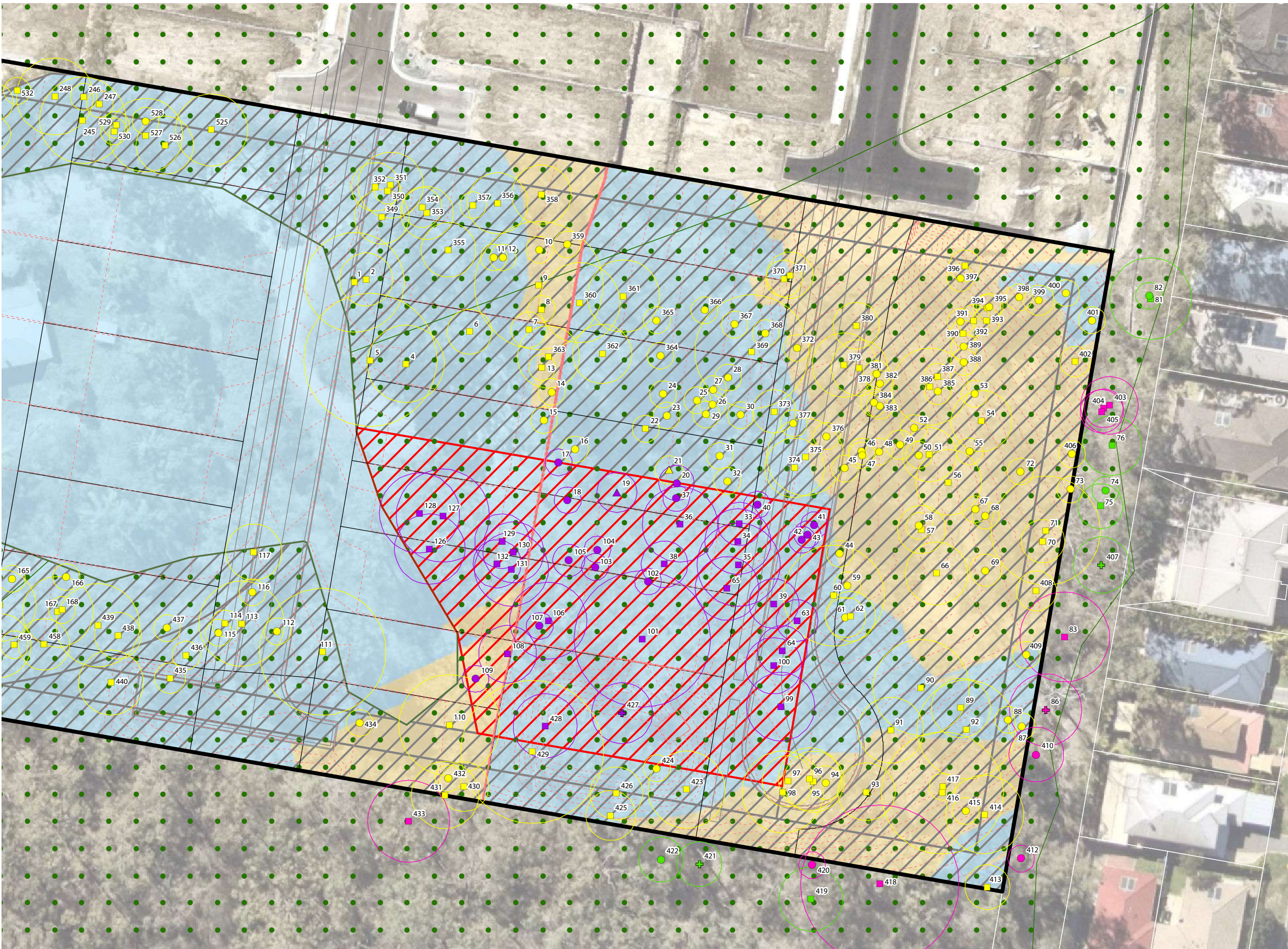
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 - Design Contours
 - Earthworks (Extent of Cut)
 - Earthworks (Extent of Fill)
- GPS Tree Plot within KHA (w/ TPZ)**
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 - Native tree retention subject to arborist assessment [5]
 - Non-juvenile Koala habitat tree in neighbouring lot, retention subject to arborist assessment [8]
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Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW



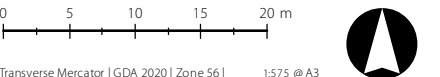
2.02 Koala Habitat Area Impact Assessment



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Issue	Date	Description	Drawn	Checked
A	02/02/2023	Preliminary	TF	AW
B	29/06/2023	Updated Layout	TF	AW



4. Impacts to the Koala

The following direct and indirect impacts have been identified as having potential to occur as a result of construction.

Construction Impacts

- Direct loss of approximately 1.65 ha of mapped KHA habitat including 0.39 ha of assessable impacts.
- Indirect loss of habitat through edge effects.
- Loss of 271 non-juvenile koala habitat trees (NJKHTs), 226 of which are within mapped KHA (107 are assessable impacts).
- Potential loss of an additional nine (9) NJKHTs subject to arborist assessment and supervision.
- Potential for injury or mortality caused by vegetation clearing.
- Potential for injury or mortality caused by vehicle use during construction.
- Potential species displacement into surrounding habitat areas.

4.1. Risk Assessment

Each of the identified potential impacts were considered in the context of the proposed action within the Risk Assessment Table (refer **Table 1**) to identify where avoidance and mitigation measures are to be focused.

Table 1: Risk Assessment

Impact	Likelihood	Consequence	Risk Rating
Construction Phase			
Direct loss of approximately 1.65 ha of mapped KHA habitat.	Almost certain (A)	Minor (2)	High
Indirect loss of habitat through edge effects	Almost certain (A)	Minor (2)	High
Loss of 271 NJKHTs	Almost certain (A)	Minor (2)	High
Potential loss of an additional nine (9) NJKHTs	Possible (C)	Minor (2)	Moderate
Injury and mortality due to vegetation clearing	Unlikely (D)	Major (4)	Moderate
Injury and mortality due to increased vehicle usage	Unlikely (D)	Major (4)	Moderate
Potential species displacement into other habitat areas	Possible (C)	Minor (2)	Moderate

As identified from the risk assessment above, management measures will focus on avoiding and mitigating impacts caused by:

- Loss of habitat (direct and indirect).
- Risk of injury and death caused by:
 - vegetation clearing; and
 - vehicle strike.
- Barriers to dispersal into surrounding habitat areas.

5. KMP Framework

This KMP focuses on the management and safety of Koalas during the construction of the project. To achieve the objectives of the KMP, as detailed in **Section 1**, the implementation of specific management actions at each phase of project design and construction will occur. Management tasks and actions relevant to the project are explained throughout the following subsections. Specific actions are converted to schedules within **Section 6**, and documented using the S.M.A.R.T criteria (Specific, Measurable, Achievable, Reasonable and Time Specific).

5.1. General Management

5.1.1 Roles and Responsibilities

The successful implementation of this KMP requires a number of key personnel to complete various roles. While many of the contractors for the project are yet to be appointed, these will be specified within on-site working versions of the KMP.

Environmental Coordinator

SHG is the Environmental Coordinator for the project and is responsible for the development of this KMP and documentation for overarching environmental management. SHG will be responsible for managing non-compliance by appointed contractors and sub-contractors, including establishing additional management procedures.

Administering Authority

CGC is the government approval authority for the Local Government Area and issuer of development and operational approvals for the project.

Site Coordinator

The Site Coordinator is a representative of the project team (typically the Project Engineer) and is responsible for coordinating the project consultants and construction contractor.

Site Supervisor

The Site Supervisor is a representative of the Construction Contractor (to be appointed) and is responsible for overseeing all pre-clearing, clearing and construction activities. The Site Supervisor is responsible for ensuring all pre-clearing, clearing and construction activities are undertaken in accordance with this KMP and subsequent environmental management documentation. The Site Contractor will be responsible for engaging and commissioning the Fauna Spotter Catcher.

Fauna Spotter Catcher

A Department of Environment and Science (DES) approved Fauna Spotter Catcher is a person who holds a rehabilitation permit with an extended authority issued by DES specifying the holder may take, keep or use an animal whose habitat is about to be destroyed by a human activity. A DES approved Fauna Spotter Catcher will be engaged by the Proponent for pre-construction and construction phases of the project. It is noted that

the Fauna Spotter Catcher must hold a Rehabilitation Permit and a copy of this permit along with their contact details will be passed on to the Environmental Coordinator. The engaged Fauna Spotter Catcher will be responsible for undertaking pre-clearing surveys of the site and preparing all required pre-clearing and post-clearing reporting. The Fauna Spotter Catcher must be present on site during all clearing activities and is responsible for the relocation of native fauna.

A list of key contacts for the project is contained in **Table 2**.

Table 2: Key Management Personnel

Role	Nominated Person	Company
Proponent/ Project Coordinator	Michael Zielski	Coomera GA Pty Ltd
Environmental Coordinator	Amy Westman	Saunders Havill Group
CGC Contact	TBA	City of Gold Coast
Site Coordinator	TBA	TBA
Principal Site Contractor	TBA	TBA
Registered Fauna Spotter	TBA	TBA

5.1.2 Environmental Training

The KMP will be issued to all site contractors and sub-contractors and will be made available within the site construction office. Elements of compliance with the KMP will form part of the responsibility of the Principal Site Contractor. Training on the KMP will be incorporated as part of the broader environmental management and workplace health and safety procedures for the site. This will include the following management plans actions:

- 1) Providing a copy of the KMP to all site contractors and sub-contractors.
- 2) Requirements of the KMP discussed during site induction.
- 3) Making available the final copy of the KMP within the site construction office.
- 4) Requirements of the KMP to be incorporated into workplace checklists, work method statement and toolbox talks.
- 5) Monthly review and report on compliance with the KMP as part of the Principal Contractor's role.

5.2. Construction Management

5.2.1 Fauna

The sequential clearing of site vegetation will be undertaken in accordance with fauna management protocols implemented by a Fauna Spotter Catcher registered by DES. Additionally, the adoption of aspects of a leading practice fauna management model to guide works prior, during and post construction. This model is cited as the *Draft Code of Practice for the Welfare of Animals Affected by Land-clearing and Other Habitat Impacts*,

endorsed by the Australia Zoo Wildlife Warriors and Voiceless (the Draft Code). Under the Draft Code, the following procedures will apply to all clearing works:

Action 1- Engagement of Fauna Spotter Catcher

This action requires that the developer engage a Fauna Spotter Catcher with full registrations and licences provided in accordance with the DES.

Action 2- Fauna Spotter Catcher to prepare a Wildlife Protection and Management Plan (WPMP)

The WPMP will include the following information:

- description of the project with reference to impacts on wildlife and wildlife habitat;
- pre-development plan of the site showing habitat areas, features, corridors, riparian habitats and adjacent areas;
- results of any fauna surveys including pre-clearance surveys; and
- a wildlife and habitat impact assessment based on the proposed development works.

Action 3- Prepare a Wildlife and Habitat Impact Mitigation Plan (WHIMP)

Following the completion of the WPMP, the Fauna Spotter Catcher will prepare a more detailed WHIMP, which will provide details on:

- measures required to be completed to minimise wildlife and habitat impacts during operational works;
- wildlife capture and removal plan;
- contingency plan for wildlife requiring euthanasia, other veterinary procedures or captive care;
- wildlife storage and housing plan;
- wildlife release and disposal plan; and
- post works measures to minimise impacts on wildlife.

Action 4 – Role of Fauna Spotter Catcher at Pre-Start Meeting

Prior to the commencement of any construction works, a pre-start meeting is to be held between the project manager, site foreperson, plant operators and Local Government representatives (if required). At the pre-start meeting, the Fauna Spotter Catcher is to outline the clearing process and the requirements of the WPMP.

Action 5 – During Construction

The Fauna Spotter Catcher is to be on-site during all phases of construction which involve potential impacts on wildlife or habitat. This will enable the Fauna Spotter Catcher to make any necessary adjustments to the WPMP to cater for any specific issues encountered during the clearing works.

Action 6 – Post Works Reporting (Wildlife Management Report)

During the course of all site works, including the pre-clearance surveys, the Fauna Spotter Catcher is to keep an accurate record of all animals encountered, captured, incidents and disposals for the project. The records

should form part of the post-works Wildlife Management Report to be issued under licence requirements to DES. The Wildlife Management Report should consist of the following three sections:

1. Wildlife Habitat Management Plan – Aspects of the planning, design, construction and ongoing operation of the project in which risks to wildlife have been identified. This plan should also include recommendations and outline the type, frequency and timeframes for monitoring
2. Wildlife Capture and Disposal Plan – Should contain the following details for each captured animals:
 - a. Species.
 - b. Identification name or number.
 - c. Sex (M, F or unknown).
 - d. Approximate Age or Age Class (neonate, juvenile, sub-adult, adult).
 - e. Time and date of capture.
 - f. Method of capture.
 - g. Exact point of capture (GPS coordinates).
 - h. State of health.
 - i. Incidents associated with capture likely to affect health.
 - j. Veterinary intervention or treatments.
 - k. Time held in captivity.
 - l. Disposal method (euthanasia, translocation, re-release).
 - m. Date and time of disposal.
 - n. Detailed of disposal (GPS points of release).
 - o. For released animals, location relative to point of capture.
3. Animal Injury and Euthanasia Report – similar details for the Wildlife Capture and Disposal Plan should be included in this report.

5.2.2 Vegetation Management / Sequential Clearing

Vegetation clearing over the development footprint will occur sequentially and most likely in accordance with an endorsed Vegetation Clearing and Management Plan and Fauna Management Plan (VCFMP) to be provided at the Operational Works phase. VCFMP's if required will detail fauna exclusion fencing to be erected around construction areas to prevent fauna from dispersing into these hostile areas.

Sequential clearing means the clearing of vegetation that:

- ensures any Koalas in the area being cleared have enough time to move out of the clearing zone without human intervention. For sites with an area of more than 3 ha, this means:
 - i. vegetation clearing is to be carried out in stages, where the total area to be cleared in any one stage:
 - is no greater than 50 % of the area of a site that is 6 ha or smaller;

- is no greater than 3 ha or 3 % of the area of a site that is larger than 6 ha.
 - ii. between each stage and the next, there is at least one 12-hour period commencing at 6 pm on one day and concluding at 6 am the following day, during which no trees are cleared on the site.
 - iii. no tree in which a Koala is present, or a tree with a crown overlapping a tree in which a Koala is present, is cleared until the tree is vacated by the Koala.
- ensures vegetation clearing is directed away from threatening processes, or hostile environments, and towards any retained vegetation or habitat links, ensuring that:
 - i. Koalas are not pressured, through loss of habitat, to cross roads or move through developed or disturbed areas, such as residential areas or areas that require movement of greater than 100 m over cleared ground to reach suitable habitat;
 - ii. Koalas are not isolated to an “island” of habitat between hostile environments, such as road and cleared areas, unless there are no other more suitable habitat areas in which to direct Koalas; and
 - iii. Koalas can safely leave the site of clearing and relocate to adjacent habitat through maintained habitat links.

The following additional controls for the appointed DES Fauna Spotter Catcher during vegetation clearing include:

1. No vegetation clearing is to commence or continue without the presence of the appointed DES endorsed Fauna Spotter Catcher.
2. All trees scheduled for removal will be checked on the day of their removal (prior to the start of operations) for the presence of Koalas by the appointed DES endorsed Fauna Spotter Catcher.
3. The appointed DES endorsed Fauna Spotter Catcher is responsible for ensuring, throughout the duration of the clearing operations, that no tree in which a Koala is present, or a tree with a crown overlapping a tree in which a Koala is present, or a tree identified as being a risk to Koalas, should not be felled, damaged or interfered with until the Koala has moved from the clearing zone on its own volition.
4. Where a Koala is present within a clearing zone, the tree will be marked with distinctive flagging (and other advisory means as required) and machinery operators will be briefed on the location of the area. No clearing works can occur within 20 m of the tree retaining a Koala until the animal has moved on via its own volition (where the strategy is to allow the Koala to move of its own accord, overnight). On the following day, the tree and retained area, are to be checked again prior to their removal. If necessary, the procedure is repeated until the Koala has moved.
5. In the event that the Koala is sick or injured and needs medical attention, DES will be contacted and trapping by the Fauna Spotter Catcher may be required to allow the Koala to receive medical attention. Actions will be guided by DES and the Fauna Spotter Catcher.

5.2.3 Adaptive Management and Management Strategy

An adaptive management strategy is to be applied to this KMP to enable it to alter as necessary to better protect Koala from injury or mortality if required. As a part of this strategy the following minimal protocols are to be applied in the event of koala injury or mortality as a result of clearing or construction:

1. Clearing and construction is immediately ceased.
2. The DES is notified in writing within 48 hours of the Koala injury or mortality occurring.
3. Measures for minimising impacts to Koalas as a result of clearing and construction are revised, in consultation with a suitably qualified person to reduce the likelihood of Koala injury or mortality before clearing and construction recommences.

6. Management activities

A number of management activities have been identified within this KMP and broadly explained through **Section 5. Table 3** provides environmental management commitments to be implemented during construction works. Specific details relevant to each management commitment are provided, including timing, funding, responsible parties, and monitoring to ensure each commitment can be achieved. Each suite of management activities is categorised into pre-construction, during construction and operational measures. This KMP will be reviewed annually, or at the completion of each phase of the project, and where necessary edited.

Table 3: Management Roles and Responsibilities

Environmental Management Commitment	Responsibility	Timing	Funding	Monitoring / Frequency
PRE-COMMENCEMENT MANAGEMENT ACTIONS				
1. Provide a copy of the KMP to all contractors and subcontractors, and retain a final copy at the construction office on-site, at all times.	Proponent to provide to principal contractor. Principal Contractor to all sub-contractors	As part of contractor appointment and throughout construction.	Contractor costs associated with action to be included in tender scope funded by Proponent.	Provision for supplying the KMP to the Principal Contractor will occur with contractual appointment. The Principal Contractor is responsible for providing evidence that each appointed sub-contractor has been provided the KMP.
2. Key KMP Criteria to be included on the Workplace Health and Safety and Environmental Management work method statement.	Prepared by the principal contractor as part of other site induction checklists	Checklist to be completed prior to commencement and issued as part of all site inductions.	Principal Contractor via Proponent	The site induction process requires all visitors and personnel at the site to read and acknowledge work method statements as part of a signed checklist. This is provided to and signed by each new entrant to the site as part of induction procedures.
3. Contractor will review project compliance with the KMP, on a monthly basis, if required.	Principal Contractor in their role as Superintendent for the project.	Monthly	Principal Contractor via Proponent	Review of compliance on a monthly basis. Any non-compliances must be reported immediately.

Environmental Management Commitment	Responsibility	Timing	Funding	Monitoring / Frequency
4. Engagement of DES approved Fauna Spotter Catcher - ensure Fauna Spotter Catcher retains all necessary licenses and accreditations.	Proponent (or as passed onto Principal contractor)	Before clearing commences on any stage of works and during construction including any post construction reporting.	Proponent	Pre-clearance report issued to the Environmental Coordinator prior to commencement of works. Fauna Spotter Catcher on site during all vegetation clearing works.
5. Develop Wildlife Protection and Management Plan (Prepared in accordance with elements of the Draft Queensland Code of Practice for the Welfare of Animals affected by Land Clearing).	Fauna Spotter Catcher	Before construction commences.	Proponent	Prior to commencement of clearing in any stage.
6. Develop Wildlife and Habitat Impact Mitigation Plan (Prepared in accordance with elements of the Draft Queensland Code of Practice for the Welfare of Animals affected by Land Clearing).	Fauna Spotter Catcher	Before construction commences.	Proponent	Prior to commencement of clearing in any stage
7. Attendance of Fauna Spotter Catcher at Pre-Start Meeting.	Fauna Spotter Catcher / Principal contractor	At the pre-start meeting clearing works.	Proponent	Fauna Spotter Catcher to confirm attendance.
8. Install temporary fauna exclusion fence or other suitable barrier around construction areas to prevent koala access into construction zone.	Contractors	After the clearing is completed and prior to construction occurring within the development area.	Proponent	Fence is to be monitored monthly by the Principal Contactor.

DURING CONSTRUCTION MANAGEMENT ACTIONS

Environmental Management Commitment	Responsibility	Timing	Funding	Monitoring / Frequency
9. All clearing of koala habitat is to occur in a staged and sequential pattern enabling the directional flushing of native animals as guided by the suitably qualified Fauna Spotter Catcher.	Principal Contractor and or appointed clearing sub-contractor.	At the time of clearing works for each stage	Proponent	Staged and sequential clearing may also be guided by the VCFMP if conditioned. Monitoring occurs as part of pre-start and completion inspections if required by officers from CGC.
10. Stop works procedures for clearing vegetation supporting any Koalas until such time that any present Koalas vacate the vegetation or are relocated by a suitable qualified person.	Fauna Spotter Catcher / Principal Contractor and or appointed clearing sub-contractor.	During clearing no tree in which a Koala is present, or a tree with a crown overlapping a tree in which a Koala is present, or a tree identified as being a risk to Koalas, to be felled, damaged or interfered with until the Koala has moved from the clearing zone of its own volition.	Proponent	Where a Koala is present within a clearing zone, the tree will be marked with distinctive flagging (and other advisory means as required) and machinery operators will be briefed on the location of the area. No clearing works can occur within 20 m of the tree retaining a Koala until the animal has moved on via its own volition (where the strategy is to allow the Koala to move of its own accord, overnight). On the following day, the tree and retained area, are to be checked again prior to their removal. If necessary, the procedure is repeated until the Koala has moved. In the event the Koala is sick or injured and needs medical attention, DES will be contacted and trapping by the Fauna Spotter Catcher may be required to allow the Koala to receive medical attention.
11. A Post clearing and construction works Wildlife Management Report is to be prepared by the appointed Fauna Spotter Catcher at the completion of each stage of works - Prepared in accordance with elements of the <i>Draft Queensland Code of Practice for the Welfare of Animals affected by Land Clearing</i> .	Fauna Spotter/Catcher	Records to be kept during construction and final report submitted at completion of works	Proponent	Within 10 working days of the conclusion of each stage of clearing.