Ecological Assessment Report

62-84 Talinga Drive
Park Ridge, Queensland 4125
Quantum Investment Pty Ltd
10 August 2023

11382

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Document control

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Acronyms

DAF	Department of Agriculture and Fisheries (Qld)
DAMS	Development Assessment Mapping System
DES	Department of Environment and Science
DSDILGP	Department of State Development, Infrastructure, Local Government and Planning
EAR	Ecological Assessment Report
EPBC	Environment Protection and Biodiversity Conservation Act 1999 (Cth)
EVNT	Endangered, Vulnerable or Near Threatened as listed under the NC Act
LCC	Logan City Council
MCU	Material Change of Use
MLES	Matters of Local Environmental Significance
MNES	Matters of National Environmental Significance
MSES	Matters of State Environmental Significance
NC Act	Nature Conservation Act 1992
NCAR	Nature Conservation (Animals) Regulation 2020
NCPR	Nature Conservation (Plants) Regulation 2020
PA	Planning Act 2016 (Qld)
PMST	Protected Matters Search Tool
PR	Planning Regulation 2017 (Qld)
ROL	Reconfiguration of a Lot
SARA	State Assessment Referral Agency (part of DSDILP)
SPP	State Planning Policy 2017 (Qld)
VM Act	Vegetation Management Act 1999 (Qld)
SRI	Significant Residual Impact

1. Introduction

Saunders Havill Group was engaged by Quantum Investment Pty Ltd to prepare an Ecological Assessment Report (EAR) for land located at 62-84 Talinga Drive, Park Ridge, described as Lots 3 & 4 on RP131003, which is intended to support a development application to *Logan City Council* (LCC). This report provides a review of the site's ecological values in accordance with Commonwealth, State and Local Government legislation.

Contextually, the site is located in the Logan City Council Local Government Area within the South-east Queensland Bioregion (Moreton Basin) and is zoned as Emerging Community. The subject site consists of 2 rural residential properties and is bound by rural residential properties to the West, South and East with cleared open paddock and some Category B (remnant) and C (high-value regrowth) vegetation to the north. The site is located approximately 9 kilometers (km) south-west of Logan Central, and 26 km south of Brisbane City. Surrounding land comprises of a mix of land uses including schools, rural residential properties, commercial business and residential developments. The properties each contain an existing residence and associated buildings as well as landscaped exotics and cleared areas. The surrounding properties comprise a mix of rural residential development, low density residential and local businesses. Refer to **Figure 1** for site context and **Figure 2** for site aerial.

The proposal is for the reconfiguration of a lot and residential development, with associated internal roads, drainage and stormwater infrastructure, and environmental corridors. Refer to **Appendix A** for the proposed development layout.

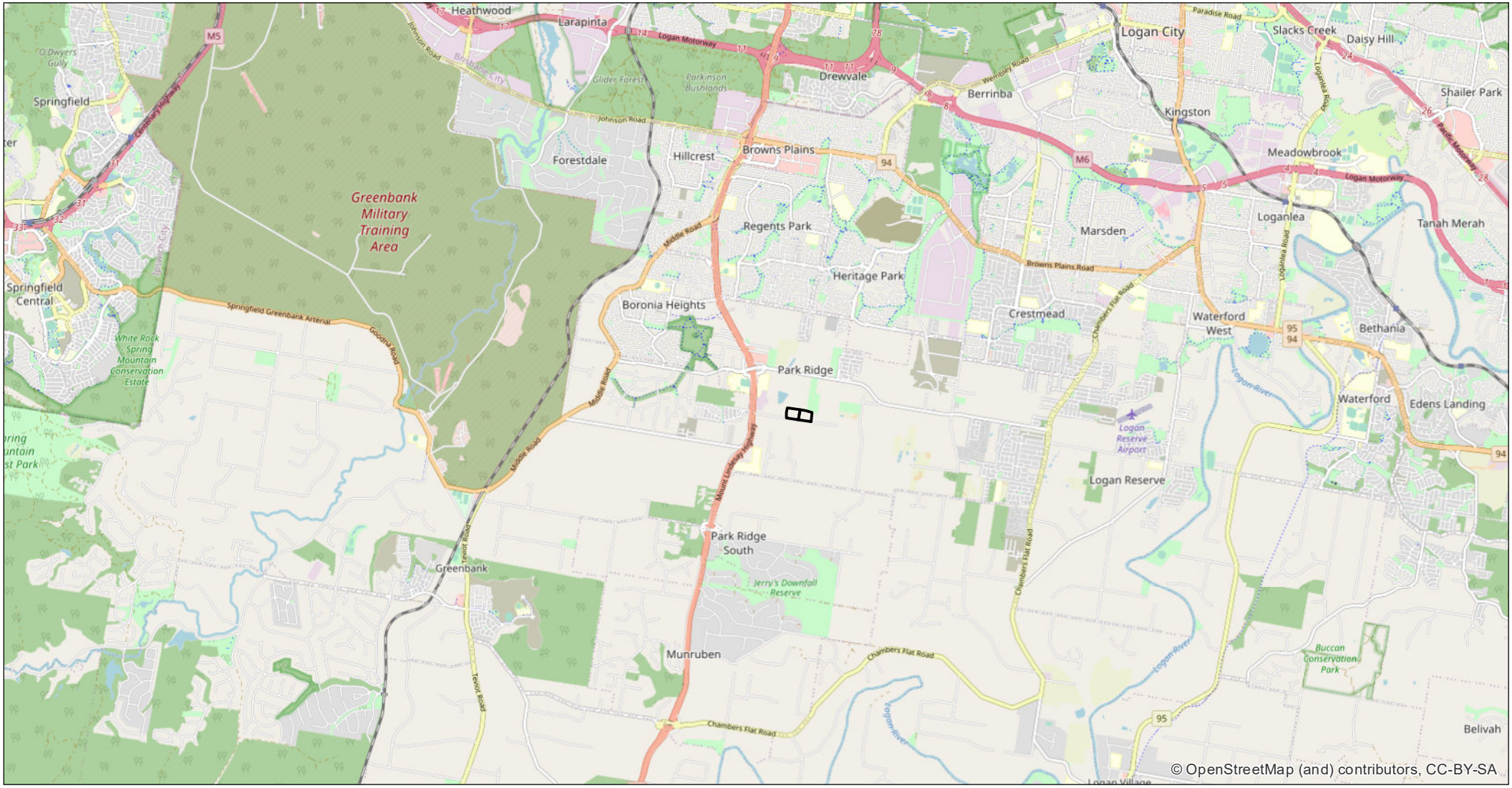
1.1. Property summary

Table 1: Property summary

Address	62-84 Talinga Drive, Park Ridge, Queensland 4125
Lots	Lot 3 on RP131003 Lot 4 on RP131003
Area (ha)	Lot 3 on RP131003 – 4.09 ha Lot 4 on RP131003 – 4.09 ha Total Site Area = 8.18 ha
VM Act 1999	Category B (remnant) – 0.02 ha Category C (high value regrowth) – 2.25 ha Category X (non-remnant) – 5.90 ha
MSES	MSES – Wildlife habitat (endangered or vulnerable) MSES – Wildlife habitat (special least concern animal) MSES – Wildlife habitat (koala habitat areas – core) MSES – Regulated vegetation (wetland) MSES – Regulated vegetation (intersecting a watercourse) MSES – Regulated vegetation (category C) MSES – Regulated vegetation (essential habitat)
Koala Habitat	Not within KPA Koala Habitat Area (core)
LGA	Logan City Council
Planning Scheme	Logan City Planning Scheme 2015
LCC Environmental overlays	Biodiversity Area Primary vegetation management area Secondary vegetation management area Biodiversity corridor Matters of both Local and State Environmental Significance Ecological Significance >0 and <=12 >12 and <=22 >22 and <=32 >32 and <=62 Medium Potential Potential Impact Buffer Steep slope area Flood hazard trigger Waterway Corridor (Minor)

1.2. Purpose of the report

The purpose of this EAR is to present the outcomes of flora and fauna surveys, identify additional environmental site constraints, assess the potential of the project to impact on ecological features and respond to relevant Logan City Planning Scheme Policies and Codes.



Legend

Site DCDB

Figure 1

Site Context

File ref.	11382 E Figure 1 Site Context A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 1 2 3 4 km

N

Scale (A4): 1:100,000 [GDA 2020 MGA Z56]

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Legend

- Site DCDB
- Qld DCDB

Figure 2

Site Aerial

File ref.	11382 E Figure 2 Site Aerial A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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

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2. Ecological assessment methodology and process

The following steps were undertaken in the preparation of this assessment:

1. Desktop analysis;
2. Legislation and policy review;
3. Field survey;
4. Development analysis; and
5. Conclusion and recommendations.

Details of the methodology undertaken for each of the assessment phases is provided in the following sections.

2.1. Desktop analysis methodology

Prior to the commencement of field surveys, a desktop analysis was conducted of Commonwealth, State and Local environmental databases and overlay mapping. Desktop analysis searches included the following:

- Commonwealth Matters of National Environmental Significance protected under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) on and around the site using the Protected Matters Search Tool (PMST);
- *Nature Conservation Act 1992* (NC Act) listed threatened species on and around the site using the Wildlife Online Database;
- Public environmental databases, including Atlas of Living Australia and BioMaps;
- State Government environmental overlay mapping, including:
    - Regulated Vegetation Maps under the *Vegetation Management Act 1999* (VM Act);
    - Flora Survey Trigger Areas under the NC Act;
    - Fish habitat and Waterway for Waterway Barrier Works under the *Fisheries Act 1994*;
    - Watercourses under the *Water Act 2000*;
    - Weeds under the *Biosecurity Act 2014*;
    - Coastal Development and Tidal Works (SARA Coastal Protection) under the Coastal Protection and Management Act 1995; and
    - Matters of State Environmental Significance under the State Planning Policy (SPP) (i.e. wetland protection areas, koala habitat, etc.); and relevant planning scheme documents and maps.
- Logan Planning Scheme 2015 documents and overlay maps.

2.2. Field survey methodology

Contemporary ecological field surveys were conducted on the subject site on 7 October 2022 and 5 April 2023 to confirm presence of potential matters of ecological significance (MNES, MSES and MLES). Vegetation community and species data from this previous reporting has been incorporated into this Ecological Assessment Report where appropriate.

2.2.1 Observational survey for significant flora and fauna, habitat trees and biodiversity values

The application area was walked to ensure all flora and fauna species were identified and recorded. Particular attention was paid to any threatened species listed as possibly occurring within or proximal to the application area. Specific micro-assemblages, which may support these threatened species, were also recorded when observed. This included observations of vertebrate fauna present within or proximal to the study area, including faunal lists and status of species significance under the Commonwealth's EPBC Act (using JAMBA, CAMBA, ROKAMBA and the Bonn Convention) and Queensland's NCA.

The observational survey included identification of ecological features and values such as broad vegetation communities, fauna habitats, and ecological corridors. Recording fauna habitat features within the application area included identification of habitat trees present. Specific attention was paid to flora and fauna species listed as significant under Logan City Council legislation.

2.2.2 Incidental Bird Surveys

This technique is a non-intrusive active area search that provides an estimate of diurnal bird species occurrence and abundance. Inclement weather was avoided as this greatly reduces the detection of bird species. The abundance of flowering at the survey site was observed, as this can influence the abundance and composition of nectar feeding diurnal birds. Further observations were recorded over several hours during other survey activities, such as tree plotting. Birds were identified from either direct observation or by their calls.

2.2.3 Koala habitat and Spot Assessment Technique surveys

Surveys to ascertain Koala activity on-site were undertaken in the form of incidental surveys as part of tree plot surveys and targeted searches in accordance with the Spot Assessment Technique (SAT) methodology developed by the Australian Koala Foundation[1].

Three (3) SAT survey were completed on the site, with an emphasis on areas containing significant trees. The purpose of these assessments is to detect and quantify Koala usage across the site. The methodology involves the selection of a focal Koala habitat tree followed by a systematic search for scats, scratches and direct observations of Koala on the focal tree and closest surrounding 29 trees.

Only non-juvenile trees (DBH of 100 mm or greater) are assessed including native and non-native species. Assessment of each tree requires the assessor to search the ground for Koala scats within a 1 m radius of the trunk which if not readily observed may require gently combing through the surrounding leaf litter or grass.

[1] Phillips, S & Callaghan, J 2011, "The *Spot Assessment Technique*: a tools for determining localised levels of habitat use by Koala *Phascolarctos cinereus*", *Australian Zoologist*, 35:3.

After approximately two minutes of searching for scats, the base of the trunk is observed for scratches and the crown for Koala. The next closest non-juvenile tree to the first tree is then assessed and so on until 30 trees have been surveyed. The number of trees showing evidence of Koala activity is expressed as a percentage of the total number of trees sampled to indicate the frequency of Koala usage.

A Koala habitat connectivity analysis was undertaken to assess the Koala habitat available surrounding the subject site, potential habitat corridors, and potential barriers to Koala movement into and out of the subject site.

2.2.4 Scats, tracks and other traces search

Surveys for scats, tracks and other traces were conducted throughout the site surveys undertaken on 7 October 2022 and 5 April 2023. Both predator and non-predator scats were sought during all searches. Only those samples definitively identified were included in the survey results. Specific search efforts were made to locate the presence of koalas or evidence of their occurrence on the subject lands and the local area. In addition, particular notice of potential dens, scats and tracks for invasive species, such as European Red Fox and domestic cats, was taken to identify predator-prey interactions and understand existing impacts within the subject area.

2.2.5 GPS Tree Plot

A tree plot survey was conducted across the site to locate and describe the vegetation values, namely the native mature trees and those considered to be habitat trees under the planning scheme definition. A handheld GPS device (Trimble) is used to record sub-metre accurate locations (in some cases use survey accurate locations), and the following parameters of each tree specimen recorded:

- tree species, via a combination of observations of the gum nuts, buds, leaves, bark and growth form;
- diameter of the trunk of the tree is measured using the standard method of Diameter at Breast Height (DBH);
- height of the tree is measured using a laser rangefinder with three-point measurement capability (inclinometer);
- canopy spread;
- health assessment (canopy, trunk); and
- habitat values (for example, presence and/or number of hollows, nests, termites, scratches, scats).

The Tree Protection Zone (TPZ) of the tree was calculated using the formula outlined in Australian Standard AS4970-2009 – Protection of Trees on Development Sites (TPZ = DBH x 12). A TPZ should not be less than 2 metres (m) and no greater than 15 m (except where crown protection is required). The Structural Root Zone (SRZ) was calculated using the measured DBH and the following formula:

SRZ radius = (DBH x 50)0.42 x 0.64.

2.2.6 Ground-truthing of vegetation communities

Vegetation was ground-truthed and assessed against current VMA regional ecosystem mapping and pre-clear mapping. Surveys were undertaken in accordance with the requirements of the LCC.

A comprehensive flora survey was undertaken using a methodology consistent with the established formats used by the Queensland Herbarium (Neldner et al. [2005]; Hnatiuk et al. [2009]). Survey methodology comprised an initial visual audit, followed by quantitative assessment of vegetation associations and communities.

3. Legislation, policy and planning instruments

3.1. *Environment Protection and Biodiversity Conservation Act 1999*

The Australian Government's key piece of environmental legislation is the EPBC Act. The EPBC Act aims to protect and manage matters of environmental significance, which include nationally and internationally important flora, fauna, ecological communities and heritage places.

A search using the Commonwealth's Protected Matters Search Tool (PMST) was conducted for the site. The search provides a list of wetlands of international significance, threatened ecological communities and threatened species, migratory and marine-listed species which have the potential to be temporarily or permanently located within a 5 km radius from the central point of the site. **Table 2** lists a summary of these results relevant to the site. The complete results of this search are included in **Appendix B**.

Table 2: EPBC Act PMST search results

Wetlands of International Importance		
Moreton Bay – 10-20 km upstream		
Threatened Ecological Communities		
Coastal Swamp Oak (*Casuarina glauca*) Forest of New South Wales and South East Queensland ecological community (Endangered) – Community may occur within area		
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland (Endangered) – Community likely to occur within area		
Lowland Rainforest of Subtropical Australia (Critically Endangered) – Community may occur within area		
Poplar Box Grassy Woodland on Alluvial Plains (Endangered) – Community may occur within area		
Subtropical Eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland Bioregions (Endangered) – Community may occur within area		
Swamp Tea-tree (Melaleuca irbyana) Forest of South-east Queensland (Critically Endangered) – Community may occur within area		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland (Critically Endangered) – Community may occur within area		
Threatened Species		
Scientific name	**Common name**	**Status**
Birds		
Anthochaera phrygia	Regent Honeyeater	Critically Endangered
Botaurus poiciloptilus	Australasian Bittern	Endangered
Calidris ferruginea	Curlew Sandpiper	Critically Endangered
Calyptorhynchus lathami lathami	South-eastern Glossy Black-Cockatoo	Vulnerable

Threatened Species		
Scientific name	**Common name**	**Status**
Charadrius leschenaultii	Greater Sand Plover	Vulnerable
Climacteris picumnus victoriae	Brown Treecreeper (south-eastern)	Vulnerable
Cyclopsitta diophthalma coxeni	Coxen's Fig-parrot	Endangered
Erythrotriorchis radiatus	Red Goshawk	Vulnerable
Falco hypoleucos	Grey Falcon	Vulnerable
Geophaps scripta scripta	Squatter Pigeon (southern)	Vulnerable
Grantiella picta	Painted Honeyeater	Vulnerable
Hirundapus caudacutus	White-throated Needletail	Vulnerable
Lathamus discolor	Swift Parrot	Critically Endangered
Numenius madagascariensis	Eastern Curlew	Critically Endangered
Rostratula australis	Australian Painted Snipe	Endangered
Stagnopleura guttata	Diamon Firetail	Vulnerable
Turnix melanogaster	Black-breasted Button-quail	Vulnerable
Fish		
Maccullochella mariensis	Mary River Cod	Endangered
Frogs		
Mixophyes fleayi	Fleay's Frog	Endangered
Insects		
Argynnis hyperbius inconstans	Australian Fritillary	Critically Endangered
Mammals		
Chalinolobus dwyeri	Large-eared Pied Bat	Vulnerable
Dasyurus maculatus maculatus (SE mainland population)	Spot-tailed Quoll (southeastern mainland population)	Endangered
Macroderma gigas	Ghost Bat	Vulnerable
Petauroides volans	Greater Glider (southern and central)	Endangered
Petaurus australis australis	Yellow-bellied Glider (south-eastern)	Vulnerable
Phascolarctos cinereus (combined populations of Qld, NSW and ACT)	Koala (combined populations of Qld, NSW and ACT)	Endangered
Potorous tridactylus tridactylus	Long-nosed Potoroo (SE mainland)	Vulnerable
Pseudomys novaehollandiae	New Holland Mouse	Vulnerable
Pteropus poliocephalus	Grey-headed Flying-fox	Vulnerable
Plants		
Arthraxon hispidus	Hairy-joint Grass	Vulnerable

Threatened Species		
Scientific name	**Common name**	**Status**
Bosistoa transversa	Three-leaved Bosistoa	Vulnerable
Cryptostylis hunteriana	Leafless Tongue-orchid	Vulnerable
Cupaniopsis shirleyana	Wedge-leaf Tuckeroo	Vulnerable
Dichanthium setosum	Bluegrass	Vulnerable
Fontainea venosa	-	Vulnerable
Macadamia integrifolia	Macadamia Nut	Vulnerable
Macadamia tetraphylla	Rough-shelled Bush Nut	Vulnerable
Notelaea ipsviciensis	Cooneana Olive	Critically Endangered
Picris evae	Hawkweed	Vulnerable
Planchonella eerwah	Shiny-leaved Condoo	Endangered
Plectranthus habrophyllus	-	Endangered
Rhodamnia rubescens	Scrub Turpentine	Critically Endangered
Rhodomyrtus psidioides	Native Guava	Critically Endangered
Samadera bidwillii	Quassia	Vulnerable
Thesium austral	Australa Toadflax	Vulnerable
Reptiles		
Coeranoscincus reticulatus	Three-toed Snake-tooth Skink	Vulnerable
Delma torquata	Collared Delma	Vulnerable
Furina dunmalli	Dunmall's Snake	Vulnerable
Hemiaspis damelii	Grey Snake	Endangered
Migratory Marine Birds		
Apus pacificus	Fork-tailed Swift	
Migratory Terrestrial Species		
Cuculus optatus	Oriental Cuckoo	
Hirundapus caudacutus	White-throated Needletail	Vulnerable
Monarcha melanopsis	Black-faced Monarch	
Motacilla flava	Yellow Wagtail	
Myiagra cyanoleuca	Satin Flycatcher	
Rhipidura rufifrons	Rufous Fantail	
Symposiachrus trivirgatus as Monarcha trivirgatus	Spectacled Monarch	
Migratory Wetland Species		
Actitis hypoleucos	Common Sandpiper	

Threatened Species		
Scientific name	**Common name**	**Status**
Calidris acuminata	Sharp-tailed Sandpiper	
Calidris ferruginea	Curlew Sandpiper	Critically Endangered
Calidris melanotos	Pectoral Sandpiper	
Charadrius leschenaultia	Greater Sand Plover	Vulnerable
Gallinago hardwickii	Latham's Snipe	
Numenius madagascariensis	Eastern Curlew	Critically Endangered
Pandion haliaetus	Osprey	
Tringa nebularia	Common Greenshank	

3.2. Nature Conservation Act 1992

The NC Act classifies and protects significant areas (Protected Areas) and protects threatened plant and animal species. The *Nature Conservation (Plants) Regulation 2020* (NCPR) and the *Nature Conservation (Animals) Regulation 2020* (NCAR) lists plant and animal species presumed extinct, endangered, vulnerable, near threatened, least concern, international or prohibited. The schedules of this regulation were considered in this report using a wildlife online database search with a 5 km radius from the site. Species listed under the NCAR and NCPR with the potential to occur in and around the subject site are shown in **Table 3**. Refer to **Appendix C** for full search results.

Table 3: NC Act wildlife online search results

Scientific name	Common name	Status
Mammals		
Dasyurus maculatus maculatus	Spotted-tail quoll	
Phascolarctos cinereus	Koala	Endangered
Petauroides armillatus	Central Greater Glider	Endangered
Petaurus australis australis	Yellow-bellied Glider	Vulnerable
Birds		
Hirundapus caudactus	White-throated needletail	Vulnerable
Ninox strenua	Powerful Owl	Vulnerable
Plants		
Macadamia integrifolia	Macadamiea Nut	Vulnerable

The protected plants regulatory framework under the NCA commenced on 31 March 2014, establishing approval triggers and processes for clearing protected plants. The protected plant definition includes all presumed extinct, critically endangered, endangered, vulnerable and/or near threatened plant species listed by name in Schedules 1 and 2 of the NCPR and least concern wildlife, not listed by name but identified as a plant indigenous to Australia in Schedule 6. A protected plant that is in the wild must not be 'taken', which includes being cleared, unless taking is under:

- a conservation plan applicable to the plant;
- a license, permit or other authority under a regulation; or
- an exemption under a regulation.

A search of the Protected Plants Flora Survey Trigger Map identified that the site is located wholly outside of a 'high risk area' for protected plants (refer to **Figure 3**). Consequently, a protected plant flora survey and clearing permit or exempt notification confirmation is not required prior to vegetation clearing on the site.

Legend

- Site DCDB
- Qld DCDB
- High risk area - flora survey trigger

Figure 3

NCA - Protected Plants
Flora Survey Trigger

File ref.	11382 E Figure 3 NCA A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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

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3.3. Vegetation Management Act 1999

The VM Act is the key mechanism by which the Queensland Government protects the state's environmental resources pertaining to vegetation. Under the VM Act, a series of maps delineate vegetation features across the landscape, which are each assigned a conservation value directly related to the remaining extent of these features in the landscape. The VM Act also protects 'essential habitat' vegetation where listed threatened species have been known to occur.

Regulated vegetation management mapping (shows vegetation categories used to determine clearing requirements. While areas shown on the map as Category X are not regulated under the VM Act, those shown as category A, B, C or R are subject to clearing requirements. The latter vegetation categories can only be cleared in accordance with an exemption, self-assessable vegetation clearing code, area management plan or development approval. A supporting map defining regional ecosystems, wetlands, watercourses and essential habitat, is provided with the regulated vegetation management map. Approval for clearing of native vegetation is required under the *Planning Act 2016*, specifically, assessment is required against State Code 16: Native Vegetation Clearing of the State Development Assessment Provisions (SDAP) which are administered by the State Assessment and Referral Agency (SARA) which is a division of the Department of Infrastructure, Local Government and Planning (DILGP).

A property search of the Regulated Vegetation Management Map identifies the site as containing Category X (non-remnant) vegetation, an area of Category C (high-value regrowth), and a small area of Category B (remnant) vegetation (refer to **Figure 4**). The vegetation management supporting map identifies the Category C areas of the site as containing Endangered RE 12.9-10.4/12.9-10.12/12.9-10.17/12.5.3 (60:25:10:5) and the Category B area as containing Least concern RE 12.3.5 (refer to **Figure 5**).

As Category X (non-remnant) vegetation is not regulated under the VMA, and the clearing of regulated regrowth (Category C) and a least concern regional ecosystem in a Category B area on freehold land is considered exempt clearing where in an urban area for an urban purpose as per Planning Regulation 2017 (Schedule 21, Part 2, s2(g)(i)(iii)), referral to the State Assessment Referral Agency (SARA) and a response to *State Code 16: Native Vegetation Clearing* is not required as part of this application.

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
- Water
- Area not categorised

Figure 4

Regulated Vegetation Management Map

File ref.	11382 E Figure 4 RVM A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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

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Layer Sources © State of Queensland 2023

Legend

- Site DCDB
- Qld DCDB
- VM Watercourses
- VM Essential Habitat
- VM Wetland

Vegetation Management Regional Ecosystems Map

- 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

Vegetation Management Regional Ecosystem Map

File ref.	11382 E Figure 5 VMRE A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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3.4. *Biosecurity Act 2014*

The *Biosecurity Act 2014*, which commenced on 1 July 2016, establishes a framework to regulate and control invasive plants and animals. Under the *Biosecurity Act 2014*, land owners are responsible for taking all reasonable and practical steps to minimise the risks associated with invasive plants and animals under their control. This is known as the general biosecurity obligation (GBO).

The *Biosecurity Act 2014* categorises restricted matter (restricted plants and animals) into the following:

- Category 1: must be reported to an inspector within 24 hours (includes Red Imported Fire Ants, amongst others).
- Category 2: must be reported within 24 hours Biosecurity Queensland on 13 25 23.
- Category 3: must not be distributed either by sale or gift, or released into the environment.
- Category 4: must not be moved.
- Category 5: must not be kept.
- Category 6: must not be fed (animals).
- Category 7: must be euthanised (animals).

Restricted matters observed in the site area are discussed in **Section 4**.

3.5. Fisheries Act 1994 (Waterway barrier works)

The Fisheries Act 1994 deals with the use, conservation and improvement of Queensland's fisheries resources and fish habitats. The legislation deals with the impact from coastal development on marine fish habitat, including protected marine plants, and declared fish habitat areas. Development proposals that modify, or have a temporary or permanent loss of fish habitat are assessed by the DAF.

The site contains a mapped 'low' waterway for waterway barrier works in the eastern portion of Lot 4 on RP131003 (refer to **Figure 6**). The proposed development layout indicates that a detention basin is required adjacent to the mapped fisheries waterway. Therefore, referral to SARA for waterway barrier works and assessment against State Code 18 may be required at the Operational Works stage if waterway barrier work impacts are proposed beyond the ground truthed top of bank of the waterway. The need for referral will be determined following the completion of the final detailed engineering design at Operational Works stage.

Legend

Site DCDB

Qld DCDB

Waterways

Risk of Impact

1 - Low

2 - Moderate

3 - High

4 - Major

Tidal waterway

Fish habitat area

Figure 6

Fisheries - Waterways for Waterway Barrier Works

File ref.	11382 E Figure 6 Fisheries A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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3.6. SEQ Koala Habitat Areas

On February 7th 2020, the Queensland Government introduced new legislation regulating the approach to impacting on Koala habitat. This legislation increased restrictions on habitat within a large portion of south-eastern Queensland and introduced prohibitions for impacting on some parcels of land.

South East Queensland Koala habitat protection mechanisms are incorporated into the *Planning Regulation 2017* (PR). Schedule 10 Part 10 of the Regulation sets out what is and is not prohibited or assessable development in a Koala Habitat Area (KHA). Where inside a Koala Priority Area (KPA), the provisions of Schedule 11 of the Planning Regulation apply unless certain criteria are met (refer Part 10 Division 2 Section 16 A (2)). Where outside of a KPA, development that involves interfering with a Koala Habitat Area is assessable, also unless certain criteria apply (refer Part 10 Division 3 Section 16 B (2)).

The site is mapped as being entirely outside a KPA, however, does contain a small area of mapped Koala habitat area (core) (refer to **Figure 7**). The proposed development impact area is exempt under Schedule 24 *exempted development* Item (k), as the total area of koala habitat on the premises being cleared of native vegetation comprises of 500m^2 or less. Therefore, referral to SARA and a response to *State Code 25: Development in South East Queensland koala habitat areas* is not required.

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 7

Koala Priority Areas and
Koala Habitat Areas

File ref.	11382 E Figure 7 Koala 2019 A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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3.7. Other Queensland environmental legislation

Other Queensland environmental legislation has been reviewed in the context of the proposed development. **Table 4** lists other relevant Queensland legislation that is not triggered by the proposed development, the purpose of the legislation, and its relevance to the proposed development site.

Table 4: Site relevant to other Queensland environmental legislation

Legislation	Purpose	Relevance to development site
Coastal Protection and Management Act 1995	Seeks to protect the coastal resources of the coastal zone through regulation of assessable coastal development	The site does not contain any coastal areas (refer to **Appendix D**). Therefore, a response to *State Code 8* is not required.
Water Act 2000	Provides a framework for sustainable management of Queensland's water resources and quarry material. Under the Water Act 2000, a riverine protection permit is required to be obtained if works within a waterway result in filling or excavation unless these works meet an exemption.	An unnamed tributary eventually flowing into Scrubby Creek is mapped as occurring on the north-west corner of the site (refer to **Appendix D**. This feature is designated as a drainage feature under the Water Act 2000 watercourse identification map. Field survey confirmed this feature. Riverine Protection permits are not required for identified 'drainage features'.
***State Planning Policy 2017* (SPP)**	Provides interim development assessment requirements which ensures that state interests are considered by local government when assessing development applications where the local government planning scheme does not yet integrate the State interests in the SPP. MSES include Biodiversity, Coastal Environment, and Water Quality.	The site is mapped as containing MSES – Wildlife habitat (endangered or vulnerable), MSES – Wildlife habitat (special least concern animal), MSES – (koala habitat areas – core) MSES – Regulated vegetation (weland), MSES – Regulated vegetation (essential habitat), MSES – Regulated vegetation (category C) and MSES – Regulated vegetation (intersecting a watercourse)) (refer **Figure 8**). MSES mapping overlays and requirements of the SPP are required to be incorporated into the *LCC Planning Scheme* and are reflected in the planning scheme overlays. Compliance with the SPP is addressed through the provisions of the planning scheme.

Legend

- Site DCDB
- Qld DCDB
- MSES Wildlife habitat (endangered or vulnerable)
- MSES Wildlife habitat (special least concern animal)
- MSES Wildlife habitat (SEQ koala habitat - core)
- MSES Regulated vegetation (intersecting a watercourse)
- MSES Regulated vegetation (essential habitat)
- MSES Regulated vegetation (category B)
- MSES Regulated vegetation (category C)
- MSES Regulated vegetation (wetland)

Figure 8

Matters of State Environmental Significance

File ref. 11382 E Figure 8 MSES A
Date 8/05/2023
Project Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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

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3.8. Town planning instruments

The site is located within the jurisdiction of LCC and is subject to the provisions of the LCC Planning Scheme 2015.

3.8.1 Logan City Council Planning Scheme 2015

The proposed development occurs on a lot zoned as Emerging Community (**Figure 9**).

Under the LCC planning scheme, the proposed works area is mapped with the following ecologically relevant overlays (refer to **Figure 10-13):**

- Biodiversity Areas Trigger
- Vegetation Management Areas: mapped with primary and secondary vegetation management areas.
- Matters of State and Local Environmental Significance: The works area is mapped as containing MSES and MLES.
- Bushfire Hazard: mapped with Medium potential bushfire hazard and potential impact buffer.
- Landslide Hazard: mapped with steep slope areas onsite.
- Flood Hazard: The works area is mapped as containing flood hazard triggers.
- Waterway Corridors and Wetlands Trigger – Waterway corridor trigger and Minor Waterway.

Responses to the Biodiversity Areas Overlay Code and Waterway Corridors and Wetlands Code are provided in **Appendix E**.

Legend

Site DCDB

Qld DCDB

Zoning

Emerging community

Figure 9

Logan Planning Scheme 2015 Zoning

File ref.	11382 E Figure 9 LCC Zoning A
Date	21/07/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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

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Legend

- Site DCDB
- Qld DCDB
- Biodiversity areas trigger

Figure 10

Logan Planning Scheme 2015
Biodiversity Trigger Area

File ref.	11382 E Figure 10 LCC Biod Trig A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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Legend

- Site DCDB
- Qld DCDB
- Primary vegetation management area
- Secondary vegetation management area

Figure 11

Logan Planning Scheme 2015
Vegetation Management Areas

File ref.	11382 E Figure 11 LCC VM Areas A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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Legend

- Site DCDB
- Qld DCDB
- Matters of state ecological significance - regulated vegetation (intersecting a watercourse)
- Matters of both state and local ecological significance - regulated vegetation (intersecting a watercourse)
- Matters of both state and local ecological significance
- Matters of local ecological significance
- Matters of state ecological significance

Figure 12

Logan Planning Scheme 2015
MSES and MLES

File ref.	11382 E Figure 12 LCC MLES A
Date	24/07/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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

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Legend

- Site DCDB
- Qld DCDB
- Minor waterway
- Medium waterway
- Major waterway
- River waterway
- Major Wetland
- Minor Wetland
- Wetland buffer
- Wetland buffer trigger

Figure 13

Logan Planning Scheme 2015
Waterway Corridors and Wetlands

File ref.	11382 E Figure 13 LCC Waterways A
Date	8/05/2023
Project	Talinga Drive, Park Ridge

0 20 40 60 80 m

N

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

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4. Ecological survey results

Ecologists from Saunders Havill Group (SHG) assessed the site on the 7 October 2022 and 5 April 2023, with weather conditions detailed in **Table 5.** The entire site was walked to ensure all vegetation communities and species were recorded. Particular attention was paid to any threatened flora and habitat for any threatened fauna species that were listed as potentially occurring within the vicinity of the application area, and specific micro assemblage which may support these threatened species. Refer to **Plan 1** for field survey effort.

Table 5: Weather Conditions

Date	Weather Conditions	High (°C)	Low(°C)	Rain (mm)
07.10.2022	Mostly fine and sunny	24.4	12.5	1.0
05.04.2023	Mostly fine and sunny	30.5	13.6	0.2

Bureau of Meteorology 2022 (Weather Station 140009)

The site was traversed by foot to ensure all vegetation communities, and flora and fauna species were recorded. Particular attention was paid to mapped LCC waterway corridors, listed 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.

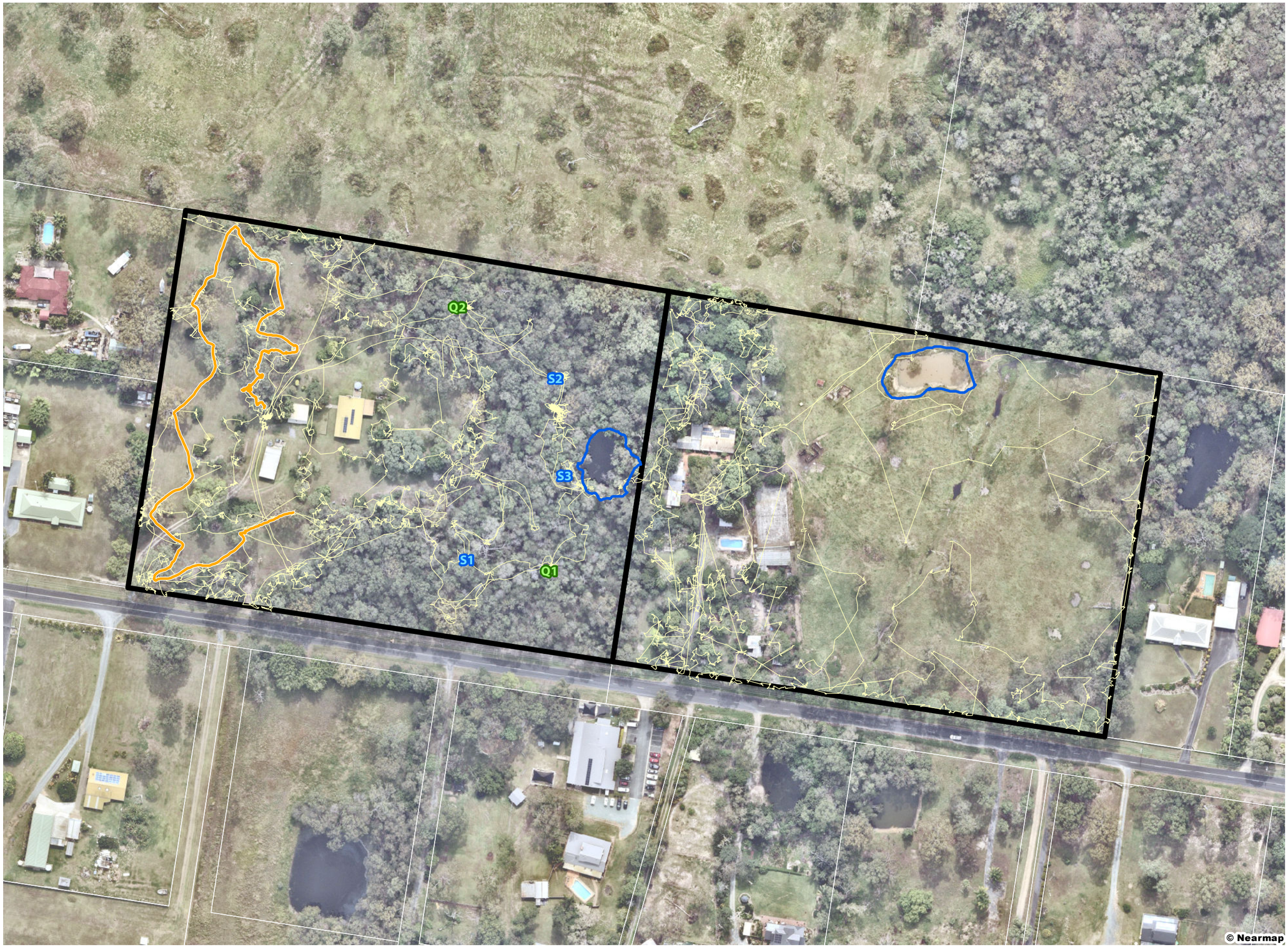
The field data collected during these two survey events is considered to provide sufficient information to effectively understand and assess the existing ecological features and consequently the constraints that would influence the extent of developable land.

4.1. General site survey details

The following observations have been made based on detailed field survey (refer to **Plan 1**).

- The site has historically been utilised for rural residential purposes and subsequently contains cleared paddock areas occupied by scattered large trees, a mosaic of planted ornamental species around dwellings, and sparse regrowth native vegetation (refer to **Section 4.2** for further details on the vegetation communities on site and **Section 4.3** for details on observed flora species).
- The site is generally flat and does not contain any notable topographical or habitat features such as rocky outcrops, ridges, slopes, or gullies. However, a mapped Fisheries 'Low' Waterway and LCC Minor Waterway is present throughout Lot 4 on RP131003 (refer to **Section 4.6** for details on waterway values present on site).

1.00 Field Survey Effort



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.

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Updated data available at
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Legend

- Site DCDB
- Qld DCDB
- Site Dams
- Track Log
- Scat Meander
- Quaternary Sites
- SAT Survey Locations

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 10 20 30 40 50 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:1,800 @ A3

saunders havill group

Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E01 Field Survey Effort A

4.2. Flora Survey Results

A contemporary assessment of flora values on the site was undertaken during the site visits on 7 October 2022 and 5 April 2023.

- A total of 195 species of flora were detected on-site during surveys, inclusive of 75 native species 120 introduced/weed species (refer **Table 6** and **Table 7**).
- The project area contains a rural residential dwellings with a matrix of cleared and disturbed areas interspersed with a mixed woodland regrowth. (refer to **Section 4.2** for further details on the vegetation communities on site).
- Vegetation on-site has been disturbed and managed as part of historical and existing rural residential uses. Portions of the site are slashed paddock currently being used for cattle grazing with scattered large trees and a ground layer dominated by grasses and non-native species. An area of mixed regrowth vegetation occurs in the central portions of the site, predominantly occurring on Lot 3 on RP131003. Vegetation surrounding the existing residential dwellings was predominantly composed of ornamental and exotic species.

The EPBC Act PMST listed seven (7) Threatened Ecological Communities (TECs) that may occur in, or relate to, the subject site (see **Section 3.1**). These are described as the following:

- The Coastal Swamp Oak (*Casuarina glauca*) Forest of New South Wales and South East Queensland Ecological community occurs in coastal catchments, mostly at elevations of less than 20 m above sea level that are typically found within 30 km of the coast however distance can vary by catchment. The canopy layer is dominated by *Casuarina glauca* (Swamp Oak) and in Queensland is represented by RE12.1.1 or RE12.3.20. None of these RE communities occur on site or within the immediate vicinity of the site, and no specimens of *Casuarina glauca* were observed on site.

- The Coastal Swamp Sclerophyll Forests of South-eastern Australia is a type of forest or scrub associated with freshwater (to brackish) wetlands on low-lying coastal areas. The ecological community typically occurs in low-lying coastal alluvial areas with minimal relief, such as swamps, floodplain pockets, depressions, alluvial flats, back-barrier flats, fans, terraces, and behind fore-dunes Several regional ecosystem communities coincide with this TEC, including Least Concern RE 12.2.7, Of Concern RE 12.3.4/12.3.4a, Least Concern RE12.3.5, Least Concern RE 12.3.6 and Endangered RE 12.3.20.

    - A small area (0.02ha) of Category B (remnant) RE 12.3.5 is mapped as occurring on the northern boundary of Lot 4 on RP131003. No other areas on site are mapped in pre-clearing regional ecosystem mapping as potential to contain RE 12.3.5. This area is mainly occupied by planted species amongst the ground and tree layers with minimal *M. quinquinervia* noted within site boundaries. Therefore, this TEC was not observed on the site.

- The Lowland Rainforest of Subtropical Australia TEC typically has high species richness. In Queensland, this TEC is part of a number of RE communities including 12.3.1, 12.5.13, 12.8.3,

12.8.4, 12.8.13, 12.11.1, 12.11.10, 12.12.1 and 12.12.16. None of these RE communities occur on site or within the immediate vicinity of the site.

- Poplar Box Grassy Woodland on Alluvial Plains is typically a grassy woodland with a canopy dominated by *Eucalyptus populnea* and understorey mostly of grasses and other herbs. This ecological community mostly occurs in gently undulating to flat landscapes and occasionally on gentle slopes on a wide range of soil types of alluvial and depositional origin. In Queensland, this TEC is part of a number of RE communities including 11.3.2, 11.3.17, 11.4.7. 11.4.12 and 12.3.10. None of these RE communities occur on site or within the immediate vicinity of the site.

- The Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions TEC. Canopy trees that characterise the ecological community include Angophora, Corymbia, Eucalyptus, Lophostemon and Syncarpia. In Queensland, this TEC is part of a number of RE communities including RE 12.3.2, 12.3.2a, 12.3.3, 12.3.3a, 12.3.3b, 12.3.3d, 12.3.4a, 12.3.7, 12.3.7c, 12.3.7d, 12.3.10, 12.3.11, 12.3.11a, 12.3.11b, 12.3.12, 12.3.14a, 12.3.15, 12.3.19.

- The Swamp Tea-tree (*Melaleuca irbyana*) Forest of South-east Queensland TEC usually comprises low open to closed forest, closed scrub or thickets dominated by *Melaleuca irbyana* (Swamp Tea-tree) with or without an emergent tree layer of scattered eucalypts, and occasionally as Eucalyptus woodland in which *M. irbyana* forms a distinct understorey stratum. In Queensland this TEC is represented by Regional Ecosystem 12.9-10.11 (Land Zone 9-10), 12.3.3c (Land Zone 3), and 12.3.18 (Land Zone 3), which are listed as endangered under the VMA. None of these RE communities occur on site or within the immediate vicinity of the site, and no specimens of *M. irbyana* were observed on the site.

- White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland is characterised by a species-rich understorey of native tussock grasses, herbs and scattered shrubs (where shrub cover comprises less than 30% cover), and a dominance or prior dominance of White Box (*Eucalyptus albens*) and/or Yellow Box (*E. melliodora*) and/or Blakely's Red Gum (*E. blakelyi*) trees. This community is usually associated with Regional Ecosystem 11.8.2a, 11.8.8, 11.9.9a, 13.3.1, 13.11.8, and 13.12.9. It can also be a small component of Regional Ecosystem 11.3.23, 12.8.16, 13.3.4, 13.11.3 and 13.11.4. None of the RE communities associated with this TEC occur on site or within the immediate vicinity of the site.

Some planted specimens of EPBC and NCA listed species *Macadamia integrifolia*, and NCA special least concern species *Brachychiton acerifolius, Brachychiton australis, and Brachychiton rupestris* were observed in the modified garden areas around the existing dwellings. Given the location and modified environment, these specimens are not considered to meet the definition of a plant 'in the wild'.

In summary, no observations of naturally occurring NCA or EPBC listed threatened ecological communities and flora species were recorded on the site.

4.2.1 Observed native species

A total of 75 native flora species were detected onsite. These species are outlined in **Table 6**.

Table 6: Native flora species recorded on-site

Scientific name	Common name	Native / Introduced
Acacia concurrens	Black Wattle	Native
Acacia disparrima	Hickory Wattle	Native
Acacia leiocalyx	Early Flowering Black Wattle	Native
Allocasuarina littoralis	Black She-oak	Native
Alpithonia excelsa	Soap Tree	Native
Alpinia caerulea	Native Ginger	Native
Angophora leiocarpa	Smooth-barked Apple	Native
Araucaria bidwillii	Bunya Pine	Native
Araucaria cunninghamii	Hoop Pine	Native
Archontophoenix alexandrae	Alexander Palm	Native
Archontophoenix cunninghamiana	Bangalow Palm	Native
Aristida calycina	Dark Wiregrass	Native
Banksia integrifolia	Coastal Banksia	Native
Brachychiton acerifolius	Illawara Flame Tree	Native
Brachychiton rupestris	Bottle Tree	Native
Buckinghamia celsissima	Ivory Curl	Native
Castanospermum australe	Black Bean	Native
Cayratia clematidea	Slender Grape	Native
Cheilanthes distans	Bristle Cloak Fern	Native
Chrysocephalum apiculatum	Yellow Buttons	Native
Corymbia citriodora	Spotted Gum	Native
Corymbia intermedia	Pink Bloodwood	Native
Corymbia torelliana	Cadaghi	Native
Corymbia trachyphloia	Brown Bloodwood	Native
Cupaniopsis anacardioides	Tuckeroo	Native
Cymbopogon refractus	Barbed Wire Grass	Native
Desmodium rhytidophyllum	Hairy Trefoil	Native
Dianella caerulea	Blue Flax Lily	Native
Entolasia stricta	Wiry Panic	Native

Scientific name	Common name	Native / Introduced
Eragrostis brownii	Brown's Lovegrass	Native
Eucalyptus crebra	Narrow-leaved Ironbark	Native
Eucalyptus crebra	Narrow-leaved Ironbark	Native
Eucalyptus pilularis	Blackbutt	Native
Eucalyptus racemosa	Scribbly Gum	Native
Eucalyptus seeana	Narrow-leaved Red Gum	Native
Eucalyptus siderophloia	Grey Ironbark	Native
Eustrephus latifolius	Wombat Berry	Native
Ficus coronata	Sandpaper Fig	Native
Fimbristylis nutans	A Fringe Rush	Native
Flindersia australis	Crows Ash	Native
Gahnia aspera	Saw Sedge	Native
Goodenia rotundifolia	Star Goodenia	Native
Grevillea robusta	Silky Oak	Native
Hibbertia scandens	Climbing Guinea Flower	Native
Glochidion ferdinandi	Cheese Tree	Native
Hibbertia vestita	Hairy Guinea Flower	Native
Imperata cylindrica	Blady Grass	Native
Jagera pseudorhus	Foam Bark	Native
Livistona australis	Cabbage-tree Palm	Native
Lobelia purpurascens	White Root	Native
Lomandra longifolia	Long-leaved Matrush	Native
Lomandra multiflora	Many Flowered Matrush	Native
Lophostemon confertus	Brush Box	Native
Lophostemon suavelons	Swamp Box	Native
Macadamia integrifolia	Macadamia Nut	Native
Melaleuca quinquenervia	Broad-leaved Paperbark	Native
Melaleuca saligna	White Bottlebrush	Native
Melaleuca viminalis	Weeping Bottlebrush	Native
Malaleuca linarifolia	Snow in Summer	Native
Nephrolepis exaltata	Fishbone Fern	Native weed
Pandorea pandorana	Wonga Wonga Vine	Native
Parsonsia straminea	Monkey Rope	Native

Scientific name	Common name	Native / Introduced
Persicaria attenuata	Hairy Knotweed	Native
Petalostigma pubescens	Quinine Bush	Native
Pteridium esculentum	Bracken Fern	Native
Syzygium australe	Brush Cherry	Native
Syzygium luehmannii	Small-leaved Lillipilli	Native
Syzygium oleosum	Blue Lilly Pilly	Native
Syzygium smithii	Common Lilly Pilly	Native
Trema tomentosa	Poison Peach	Native

4.2.2 Introduced species

A total of 120 flora species detected onsite are considered to be introduced species to Australia or the local region (refer to **Table 7**). Six (6) of these species are classified as Restricted Invasive under the *Biosecurity Act 2014* and will require some form of targeted management on-site.

Table 7: Exotic/weed flora species detected on-site

Scientific name	Common name	Native / Introduced	Restricted matters under the *Biosecurity Act 2014*
Ageratum houstonianum	Blue Billy Goat Weed	Invasive	
Aloe Vera	Aloe Vera	Invasive	
Annona muricata	Soursop	Invasive	
Annona squamosa	Custard Apple	Invasive	
Artocarpus heterophyllus	Jackfruit	Invasive	
Asclepias curassavica	Red-headed Cotton Bush	Invasive	
Asparagus aethiopicus	Ground Asparagus Fern	Invasive	
Asparagus africanus	Climbing Asparagus	Invasive	*Restricted Matter – Category 3*
Averrhoa carambola	Star Fruit	Invasive	
Beaucarnea recurvata	Pony Tail Palm	Invasive	
Bidens pilosa	Cobbler's Pegs	Invasive	
Billbergia pyramidalis	Bromeliad	Invasive	
Brachiaria decumbens	Signal Grass	Invasive	
*Bryophyllum daigremontianum**	Mother-of-thousands	Invasive	
Buddleja spp.	Butterfly Bush	Invasive	
Carya illinoinensis	Pecan Nut	Invasive	
Caryota urens	Fishtail Palm	Invasive	
Catharanthus roseus	Pink Periwinkle	Invasive	

Scientific name	Common name	Native / Introduced	Restricted matters under the *Biosecurity Act 2014*
Cinnamomum camphor	Camphor Laurel	Invasive	Restricted Matter – Category 3
Cereus spp.	Cactus	Invasive	
Chamaecyparis lawsoniana	Lawson's Cypress	Invasive	
Chrysophyllum cainito	Star Apple	Invasive	
Citharexylum spinosum	Fiddlewood	Invasive	
Citrus reticulata	Mandarin	Invasive	
Citrus spp.	Citrus Plant	Invasive	
Citrus x sinensis	Orange	Invasive	
Coffea arabica	Coffee Tree	Invasive	
Coleus amboinicus	Mexican Mint	Invasive	
Conyza sumatrensis	Tall Fleabane	Invasive	
Conyza sumatrensis	Tall Fleabane	Invasive	
Cynodon dactylon	Green Couch	Invasive	
Cyperus involucratus	Umbrella Sedge	Invasive	
Delonix regia	Poinciana	Invasive	
Desmodium intortum	Greenleaf Desmodium	Invasive	
Dracaena fragrans	Happy Plant	Invasive	
Dracaena reflexa	Pleomele	Invasive	
Duranta erecta	Duranta	Invasive	
Dypsis lutescens	Golden Cane Palm	Invasive	
Emilia sonchifolia	Emilia	Invasive	
Epidendrum ibaguense	Crucifix Orchid	Invasive	
Eriobotrya japonica	Loquat	Invasive	
Eugenia uniflora	Surinam Cherry	Invasive	
Eugenia uniflora	Brazilian Cherry / Surinam Cherry	Invasive	
Feijoa sellowiana	Feijoa	Invasive	
Fragaria × ananassa	Strawberry	Invasive	
Fraxinus griffithii	Himalayan Ash	Invasive	
Gleditsia triacanthos	Honey locust	Invasive	
Gomphocarpus physocarpus	Balloon Cotton Bush	Invasive	
Handroanthus chrysotrichus	Golden Trumpet Tree	Invasive	
Hibiscus rosa-sinensis	Hawaiian Hibiscus	Invasive	
Hippeastrum spp.	Amaryllis	Invasive	

Scientific name	Common name	Native / Introduced	Restricted matters under the *Biosecurity Act 2014*
Hylocereus undatus	Dragon Fruit	Invasive	
Hypoestes phyllostachya	Polka-dot Plant	Invasive	
Jacaranda mimosifolia	Jacaranda	Invasive	
Juglans sp.	Walnuts tree	Invasive	
Justicia betonica	White Shrimp Plant	Invasive	
Kalanchoe gastonis-bonnieri	Donkey's Ear	Invasive	
Lantana camara	Lantana	Invasive	Restricted Matter – Category 3
Libidibia ferrea	Leopard Tree	Invasive	
Liquidambar styraciflua	Liquidambar	Invasive	
Litchi chinensis	Lychee	Invasive	
Magnolia grandifolia cultivar	Teddy Bear Magnolia	Invasive	
Mangifera indica	Mango	Invasive	
Megathyrsus maximus	Guinea Grass	Invasive	
Melinis repens	Red Natal Grass	Invasive	
Metrosideros excelsa	New Zealand Christmas Bush	Invasive	
Monstera deliciosa	Monstera	Invasive	
Morus alba	Mulberry	Invasive	
Murraya koenigii	Curry Tree	Invasive	
Musa sp.	Banana	Invasive	
Nerium oleander	Pink Oleander	Invasive	
Ochna serrulata	Ochna	Invasive	
Pandanus Sp.	Pandanus Palm	Invasive	
Paspalum mandiocanum	Broad-leaved Paspalum	Invasive	
Passiflora suberosa	Corky Passion Vine	Invasive	
Philodendron hederaceum	Heart Leaf Philodendron	Invasive	
Phoenix dactylifera	Date Palm	Invasive	
Phyllanthus acidus	Otaheite gooseberry	Invasive	
Phytolacca octandra	Inkweed	Invasive	
Pinus elliotii	Slash Pine	Invasive	
Pinus sp.	Pine Nut Tree	Invasive	
Plinia cauliflora	Jabuticaba tree	Invasive	
Plumeria sp.	Frangipani	Invasive	
Podocarpus sp.	Confier	Invasive	

Scientific name	Common name	Native / Introduced	Restricted matters under the *Biosecurity Act 2014*
Prunus americana	wild plum tree	Invasive	
Prunus persica	Peach	Invasive	
Psidium sp.	Guava tree	Invasive	
Pyrostegia venusta	Orange Trumpet Vine	Invasive	
Ravenala madagascariensis	Travellers Palm	Invasive	
Ribes nigrum	Black current tree	Invasive	
Ribes uva-crispa	Gooseberry	Invasive	
Sanseviera trifasciata	Mother-in-law's Tongue	Invasive	
Schefflera actinophylla	Umbrella Tree	Invasive	
Schinus terebinthifolius	Broadleaf Pepper Tree	Invasive	
Senna pendula	Easter Cassia	Invasive	
Senecio madagascariensis	Fireweed	Invasive	Restricted Matter – Category 3
Sida cordifolia	Flannel Weed	Invasive	
Sida rhombifolia	Common Sida	Invasive	
Solanaceae sp.	Nightshades	Invasive	
Solanum chrysotrichum	Giant Devil's Fig	Invasive	
Solanum mauritianum	Wild Tobacco	Invasive	
Solanum nigrum	Blackberry Nightshade	Invasive	
Solanum torvum	Devil's Fig	Invasive	
Spagneticola trilobata	Singapore Daisy	Invasive	
Spathodea campanulate	African Tulip Tree	Invasive	*Restricted Matter – Category 3*
Strelitzia nicolai	Giant Bird of Paradise	Invasive	
Strelitzia reginae	Birds of Paradise	Invasive	
Syagrus romanzoffiana	Cocos Palm	Invasive	
Syzygium jambos	Rose-apple	Invasive	
Taraxacum officinale	Common Dandelion	Invasive	
Tecoma capensis	Cape Honeysuckle	Invasive	
Tecoma stans	Yellow Bells	Invasive	*Restricted Matter – Category 3*
Tipuana tipu	Tipuana	Invasive	
Tradescantia albiflora	Small-leaf Spiderwort / Wandering Jew	Invasive	
Tradescantia zebrina	Silver inch plant	Invasive	
Urena lobata	Urena Burr	Invasive	
Wisteria spp.	Wisteria Tree	Invasive	

4.2.3 Threatened flora

A search of the NC Act Wildlife Online database listed one (1) threatened flora species as potentially occurring within the area, being *Macadamia integrifolia* (Macadamia Nut).

Sixteen (16) flora species listed as Threatened under the EPBC Act were indicated as having the potential to occur within 5 km of the site (**Appendix B**).

Macadamia integrifolia (listed as Vulnerable under both the NCA and EPBC Act) specimens and NCA Special Least concern species *Brachychiton acerifolius, Brachychiton australis, and Brachychiton rupestris* specimens were observed in the modified garden areas around the existing dwellings.

Due to their occurrence in amongst other planted garden species in the highly modified surrounds of the existing dwelling, these *Macadamia integrifolia* and *Brachychiton spp* are planted specimens and are not representative of a threatened plant 'in the wild'.

Therefore, the site surveys detected no naturally occurring listed threatened flora species on site.

4.2.4 GPS tree plot survey

A GPS Tree Plot Survey was carried out on-site locating and identifying trees with a DBH ≥100 mm, (measured at 1.4 m above ground) or above 4m in height. Trees meeting these criteria were located within and proximal to the proposed development area, including trees located within the adjacent properties to the north that potentially could be affected by site works. Data for the GPS Tree Plot Survey have been extracted and summarised below. Refer to **Plan 2** for the Tree Plot and **Appendix F** for the Tree Schedule.

- The GPS Tree Plot Survey recorded 893 individual specimens comprised of 140 tree species, being 58 native species, 82 weed/exotic species and 34 DEAD/STAGs. **Table 8** provides a summary of the results of the GPS Tree Plot Survey completed across the development site.
- The most common species recorded was *Corymbia intermedia* (Pink Bloodwood), accounting for 15.12% of the survey, followed by *Lophostemon suaveolens* (Swamp Box), Syagrus romanzoffiana (Cocos Palm) and *Eucalyptus racemosa* (Scribbly Gum) accounting for 9.30%, 4.26%, and 4.03% respectively.
- **Table 9** provides a summary of the DBH recorded trees of the Tree Plot Survey and shows that 36.51% of the trees had a DBH less than 200 mm, and a total of 65.63 % had a DBH less than 300 mm. The high proportion of trees recorded with a DBH below 300 mm indicates a high level of regrowth on-site.
- Eighteen (18) specimens were recorded with a total DBH equal to or greater than 800 mm – these included three (7) *Eucalyptus racemosa* (Scribbly Gum), three (3) *Eucalyptus tereticornis* (Forest Red Gum), one (1) *Corymbia intermedia* (Pink Bloodwood), one (1) *Eucalyptus siderophloia* (Grey Ironbark), *Gleditsia triacanthos* (Honey Locust), *Averrhoa carambola* (Star Fruit), one (1) *Brachychiton rupestris* (Narrow-leaved Bottle Tree) and three (3) dead stag.

Table 8: GPS tree plot, species composition

Scientific Name	Common Name	Count	Percent of Total
Acacia concurrens	Black Wattle	1	0.11%
Acacia disparrima	Hickory Wattle	17	1.90%
Acacia leiocalyx	Early Flowering Wattle	6	0.67%
Adasonia gregorii	Boab	1	0.11%
Agathis robusta	Kauri Pine	1	0.11%
Aleurites moluccanus	Candlenut	8	0.90%
Allocasuarina littoralis	Black She-Oak	10	1.11%
Alphitonia excelsa	Soap Tree	9	1.00%
Angophora leiocarpa	Smooth-barked Apple	19	2.13%
Annona muricata	Prickly Custard Apple	4	0.45%
Annona squamosa	Custard Apple	16	1.79%
Araucaria bidwillii	Bunya Pine	3	0.34%
Araucaria columnaris	Cook Pine	1	0.11%
Araucaria cunninghamii	Hoop Pine	3	0.34%
Archontophoenix alexandrae	Alexandra Palm	9	1.00%
Archontophenix cunninghamiana	Bangalow Palm	1	0.11%
Artocarpus heterophyllus	Jackfruit	1	0.11%
Averrhoa carambola	Star Fruit	4	0.45%
Banksia integrifolia	Coastal Banksia	5	0.56%
Bauhinia galpinii	Orchid Tree	2	0.22%
Brachychiton acerifolius	Flame Tree	20	2.24%
Brachychiton australis	Broad-leaved Bottle Tree	2	0.22%
Brachychiton rupestris	Narrow-leaved Bottle Tree	3	0.34%
Buckinghamia celsissma	Ivory Curl	2	0.22%
Callitris glaucophylla	Cypress Pine	1	0.11%
Carya illinoinensis	Pecan Tree	4	0.45%
Caryota urens	Fishtail Palm	1	0.11%
Casimioa edulis	White Sapote	2	0.22%
Castanospermum australe	Blackbean	4	0.45%
Celtis sinensis	Chinese Celtis	1	0.11%
Ceratonia siliqua	Carob	1	0.11%
Cereus spp.	Cactus	2	0.22%
Chaemaecyparis lawsoniana	Lawson's Cypress	1	<0.01%

Chrystophyllum caimito	Star Apple	1	<0.01%
Cinnamomum camphora	Camphor Laurel	2	0.22%
Citharexylum spinosum	Fiddlewood	3	0.34%
Citrus spp.	Citrus Plant	3	0.34%
Citris x paradisi	Grapefruit	1	0.11%
Citrus x sinensis	Orange	1	0.11%
Coccoloba uvifera	Seagrape	1	0.11%
Commersonia bartramia	Brown Kurrajong	1	0.11%
Corymbia citriodora	Spotted Gum	2	0.22%
Corymbia intermedia	Pink Bloodwood	135	15.12%
Corymbia ptychocarpa	Swamp Bloodwood	1	0.11%
Corymbia tessellaris	Moreton Bay Ash	1	0.11%
Corymbia torelliana	Cadaghi	1	0.11%
Corymbia trachyphloia	Brown Bloodwood	28	3.13%
Cupaniopsis anacardioides	Tuckeroo	6	0.67%
DEAD/STAG	-	34	3.81%
Delonix regia	Poinciana	8	0.90%
Diospyros virginiana	Persimmon	1	0.11%
Draceana marginata	Dragon Tree	3	0.34%
Dracaena reflexa	Pleomele	1	0.11%
Duranta erecta	Duranta	1	0.11%
Elaeocarpus angustifolius	Blue Quandong	1	0.11%
Eriobotrya japonica	Loquat	5	0.56%
Eucalyptus crebra	Narrow-leaved Ironbark	7	0.78%
Eucalyptus major	Grey Gum	3	0.34%
Eucalyptus propinqua	Small-Fruited Grey Gum	2	0.22%
Eucalyptus racemosa	Scribbly Gum	36	4.03%
Eucalyptus seeana	Narrow-leaved Red Gum	25	2.80%
Eucalyptus siderophloia	Grey Ironbark	32	3.58%
Eucalyptus tereticornis	Forest Red Gum	18	2.02%
Eucalyptus tindaliae	Tindale's Stringybark	1	0.11%
Eugenia uniflora	Brazillian Cherry	2	0.22%
Feijoa sellowiana	Feijoa	1	0.11%
Ficus abutifolia	Large Leaved Rock Fig	1	0.11%
Ficus benjamina	Weeping Fig	3	0.34%

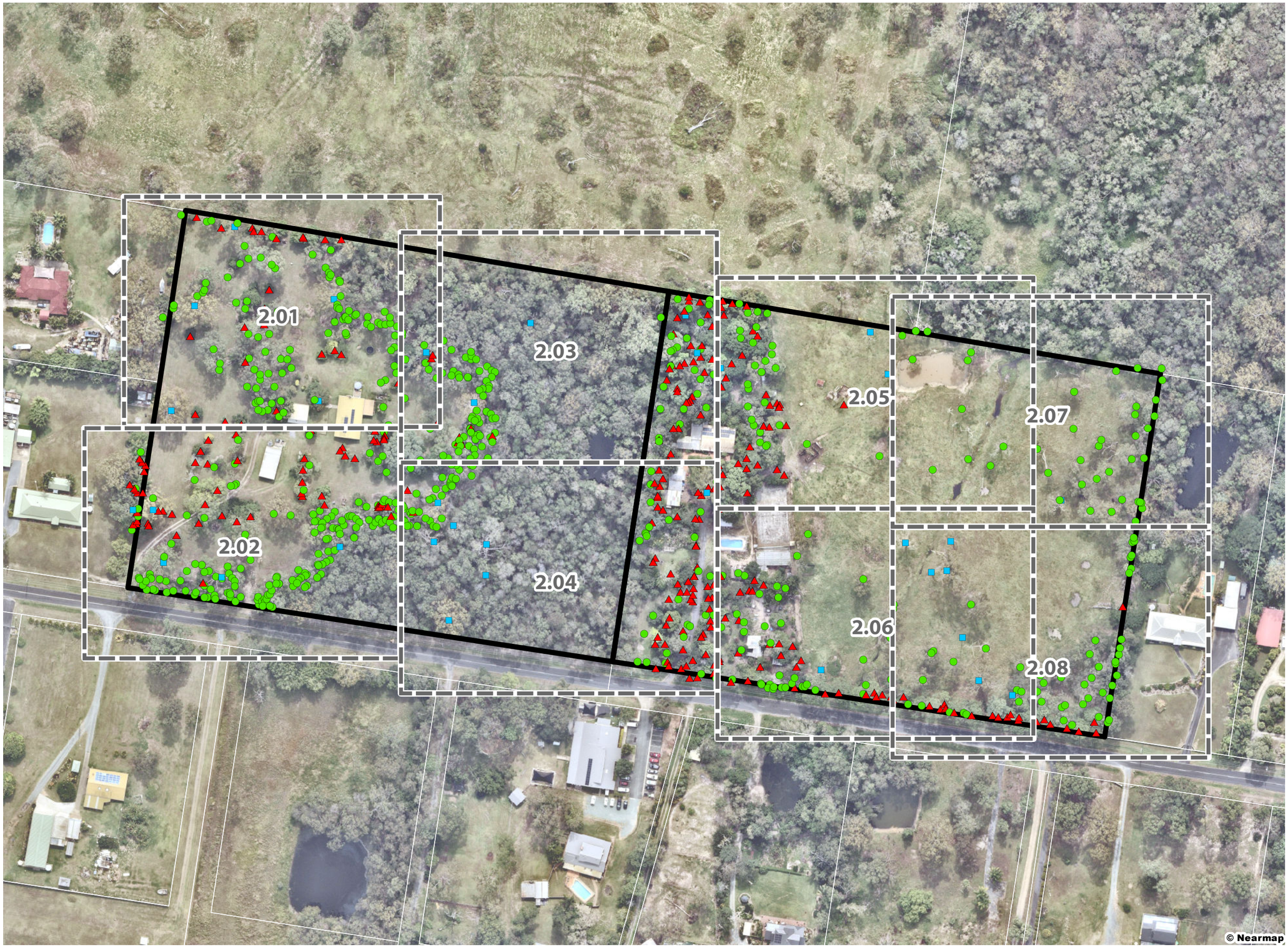
Ficus elastica	Rubber Tree	1	0.11%
Flindersia australis	Crows Ash	1	0.11%
Fraxinus griffithii	Himalayan Ash	1	0.11%
Gleditsiqa triacanthos	Honey Locust	3	0.34%
Grevillea robusta	Silky Oak	10	1.11%
Handroanthus chrysotrichus	Golden Trumpet Tree	6	0.67%
Harpullia pendula	Tulipwood	3	0.34%
Heliciopsis lobata	Helipciopsis	1	0.11%
Hibiscus tiliaceus	Sea Hibiscus	2	0.22%
Introduced spp.	Unknown Introduced	3	0.34%
Jacaranda mimosifolia	Jacaranda	4	0.45%
Jagera pseudorhus	Foam Bark	1	0.11%
Kiggelaria Africana	Wild Peach	1	0.11%
Koelreuteria elegans	Golden Rain Tree	3	0.34%
Libidibia ferrea	Leopard Tree	2	0.22%
Liquidamber styraciflua	Liquidamber	2	0.22%
Litchi chinensis	Lychee	1	0.11%
Livistonia australis	Cabbage Tree Palm	1	0.11%
Livistona decora	Weeping Cabbage Tree Palm	2	0.22%
Lophostemon confertus	Brush Box	3	0.34%
Lophostemon suaveolens	Swamp Box	83	9.30%
Lovoa trichilioides	African Walnut	1	0.11%
Macadamia integrifolia	Macadamia Nut	7	0.78%
Mangifera indica	Mango Tree	14	1.57%
Melaleuca quinquenervia	Broad-leaved Paperbark	15	1.68%
Melaleuca saligna	White Bottlebrush	6	0.67%
Melaleuca viminalis	Weeping Bottlebrush	5	0.56%
Monoon longifolium	Indian Mast Tree	1	0.11%
Morus alba	Mulberry	15	1.68%
Murraya koenigii	Curry Tree	1	0.11%
Native spp.	Unknown Native	1	0.11%
Nerium oleander	Oldeander	1	0.11%
Pandanus spp,	Pandanus palm	1	0.11%
Petalostigma pubsecens	Quinine Bush	14	1.57%
Phoenix dactylifera	Date Palm	3	0.34%

Phyllanthus acidus	Gooseberry	2	0.22%
Pinus elliottii	Slash Pine	35	3.92%
Pinus spp.	Pine Nut	2	0.22%
Planted introduced sp.	Planted Species	2	0.22%
Plinia cauliflora	Jabuticaba	1	0.11%
Plumeria spp.	Frangipani	4	0.45%
Podocarpus latifolius	Broadleaved Yellowwood	2	0.22%
Podocarpus macrophylla	Yew Plum Pine	1	0.11%
Pouteria australis	Wild Plum	4	0.45%
Prunus cerasifera	Cherry Plum	2	0.22%
Psidium sp.	Guava Tree	2	0.22%
Pyrus sp.	Pear	1	0.11%
Ravenala madagascariensis	Traveller's Palm	1	0.11%
Ribes nigrum	Blackcurrant Tree	2	0.22%
Ribes uva-crispa	European Gooseberry	1	0.11%
Salix viminalis	Yellow Basket Willow	1	0.11%
Schefflera actinophylla	Umbrella Tree	2	0.22%
Schinus terebinithifolius	Broadleaf Pepper Tree	2	0.22%
Schizolobium parahyba	Brazilian Firetree	1	0.11%
Spathodea companulata	African Tulip Tree	7	0.78%
Sterculia quadrifida	Peanut Butter Tree	1	0.11%
Syagrus romanzoffiana	Cocos Palm	38	4.26%
Syzygium australiae	Brush Cherry	4	0.45%
Syzygium cumini	Java Plum	3	0.34%
Syzigium jambos	Rose-apple	1	0.11%
Syzygium leuhmannii	Leuhmannii	1	0.11%
Syzygium luehmannii	Small-leaved Lillipilli	1	0.11%
Syzygium oleosym	Blue Lilly Pilly	1	0.11%
Syzygium smithii	Common Lilly Pilly	1	0.11%
Tamarindus indica	Tamarind	4	0.45%
Taxodium distichum	Swamp Cypress	1	0.11%
Tecoma stans	Yellow Bells	1	0.11%
Tipuana tipu	Tipuana	3	0.34%
		893	**100%**

Table 9: GPS tree plot, DBH thresholds

DBH (mm) thresholds	Count	Percentage of total
100-200	326	36.51%
200-300	260	29.12%
300-400	177	19.82%
400-500	62	6.94%
500-600	30	3.36%
600-700	14	1.57%
700-800	6	0.67%
800-900	7	0.78%
900-1000	5	0.56%
1000-1100	4	0.45%
1100-1200	1	0.11%
1300-1400	1	0.11%
	893	**100%**

2.00 GPS Tree Plot



Notes:
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Legend

- Site DCDB
- Qld DCDB

GPS Tree Plot

- LCC Native Habitat Tree
- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 10 20 30 40 50 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:1,800 @ A3

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Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02 GPS Tree Plot A

2.01 GPS Tree Plot

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Legend

- Site DCDB
- Qld DCDB

GPS Tree Plot (w/ TPZ)

- LCC Native Habitat Tree
- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:550 @ A3

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Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

2.02 GPS Tree Plot

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Legend

- Site DCDB
- Qld DCDB

GPS Tree Plot (w/ TPZ)

- LCC Native Habitat Tree
- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:550 @ A3

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

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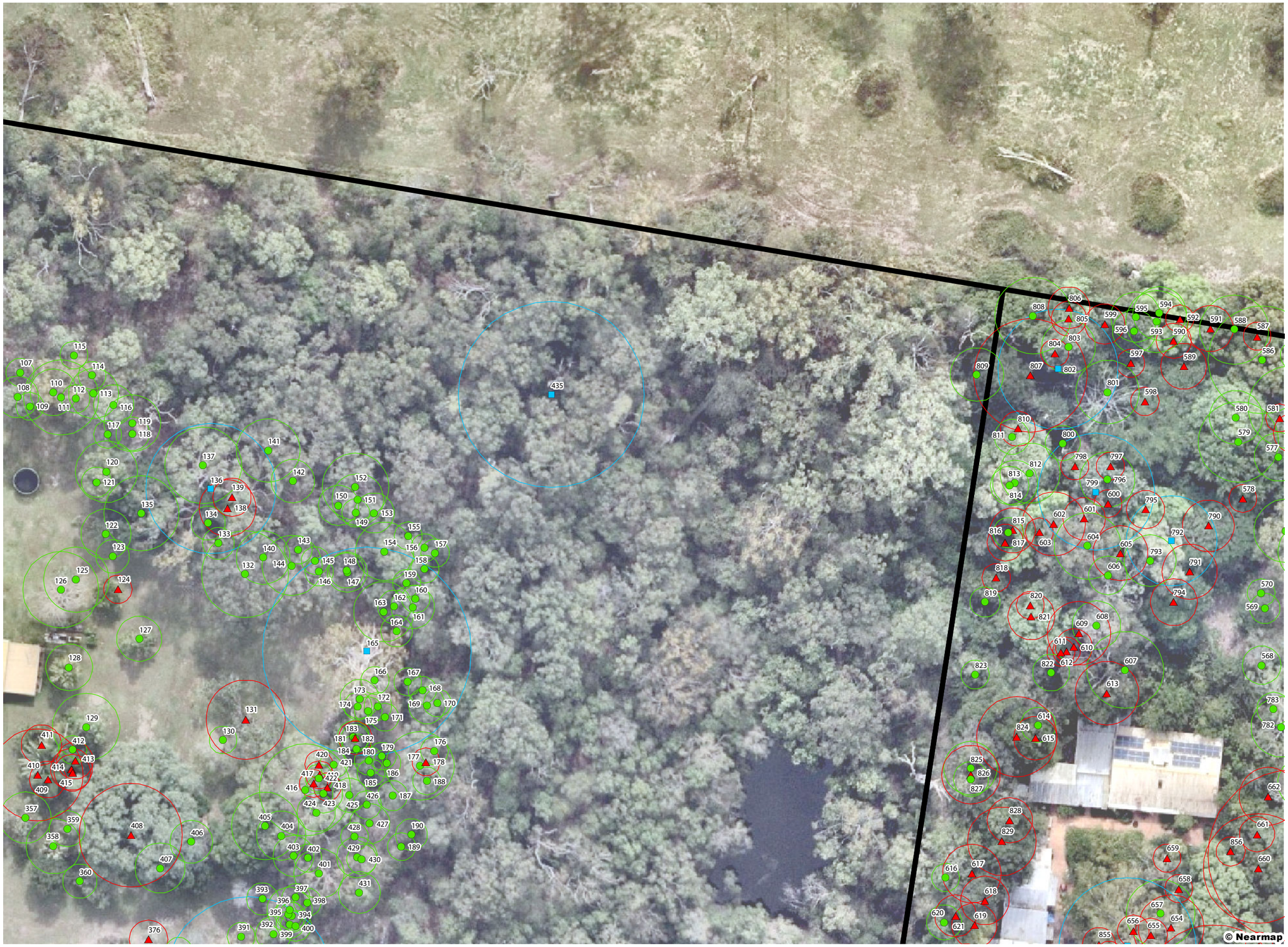
Talinga Drive, Park Ridge

2.03 GPS Tree Plot



Notes:
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Legend

- Site DCDB
- Qld DCDB

GPS Tree Plot (w/ TPZ)

- LCC Native Habitat Tree
- LCC Non-native Tree
- LCC Native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:550 @ A3

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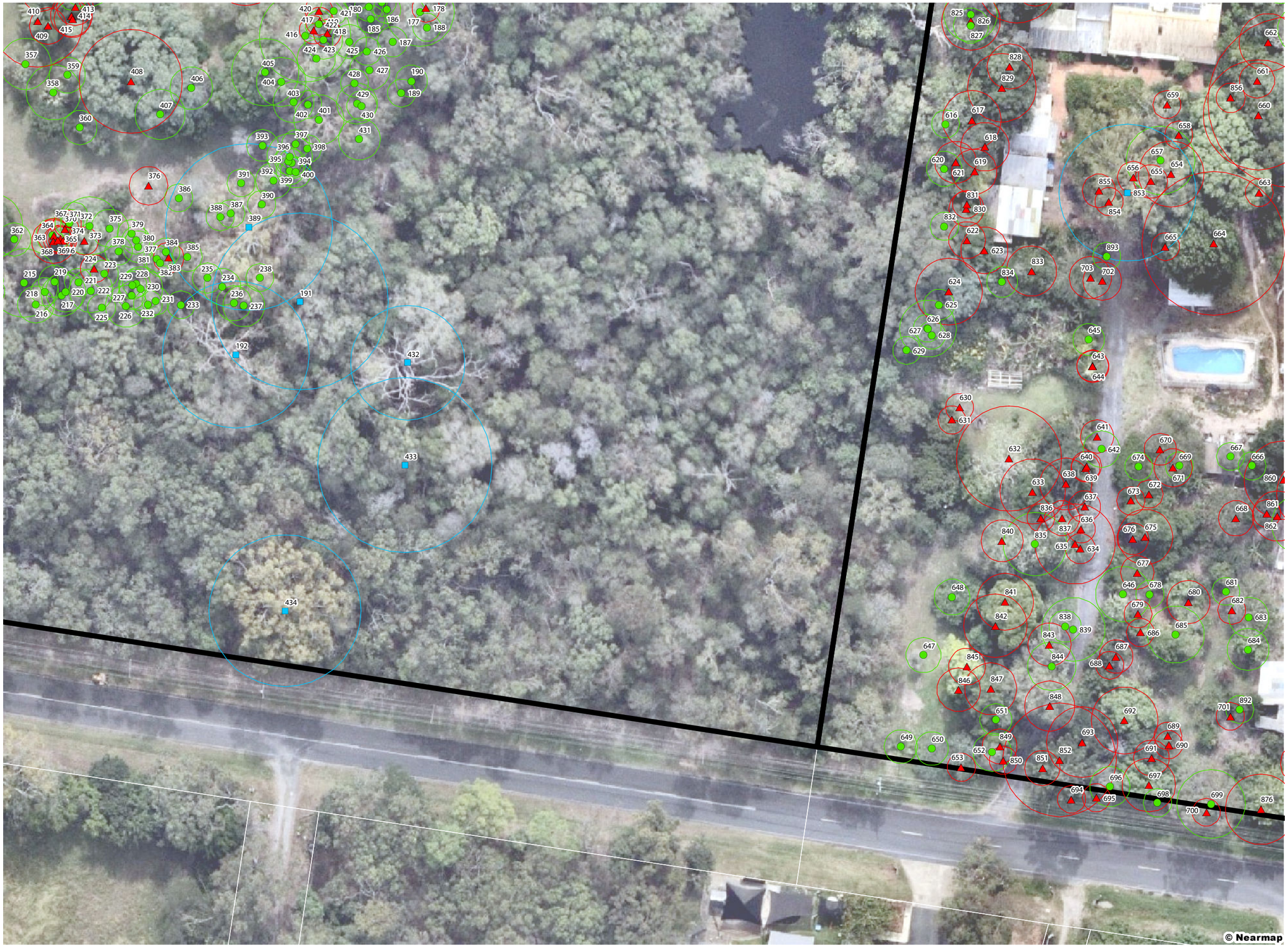
Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

2.04 GPS Tree Plot



Notes:
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Legend

- Site DCDB
- Qld DCDB

GPS Tree Plot (w/ TPZ)

- LCC Native Habitat Tree
- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:550 @ A3

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Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

2.05 GPS Tree Plot

Notes:
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Legend

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- Qld DCDB

GPS Tree Plot (w/ TPZ)

- LCC Native Habitat Tree
- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

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© Nearmap

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Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

2.06 GPS Tree Plot

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Legend

- Site DCDB
- Qld DCDB

GPS Tree Plot (w/ TPZ)

- LCC Native Habitat Tree
- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:550 @ A3

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

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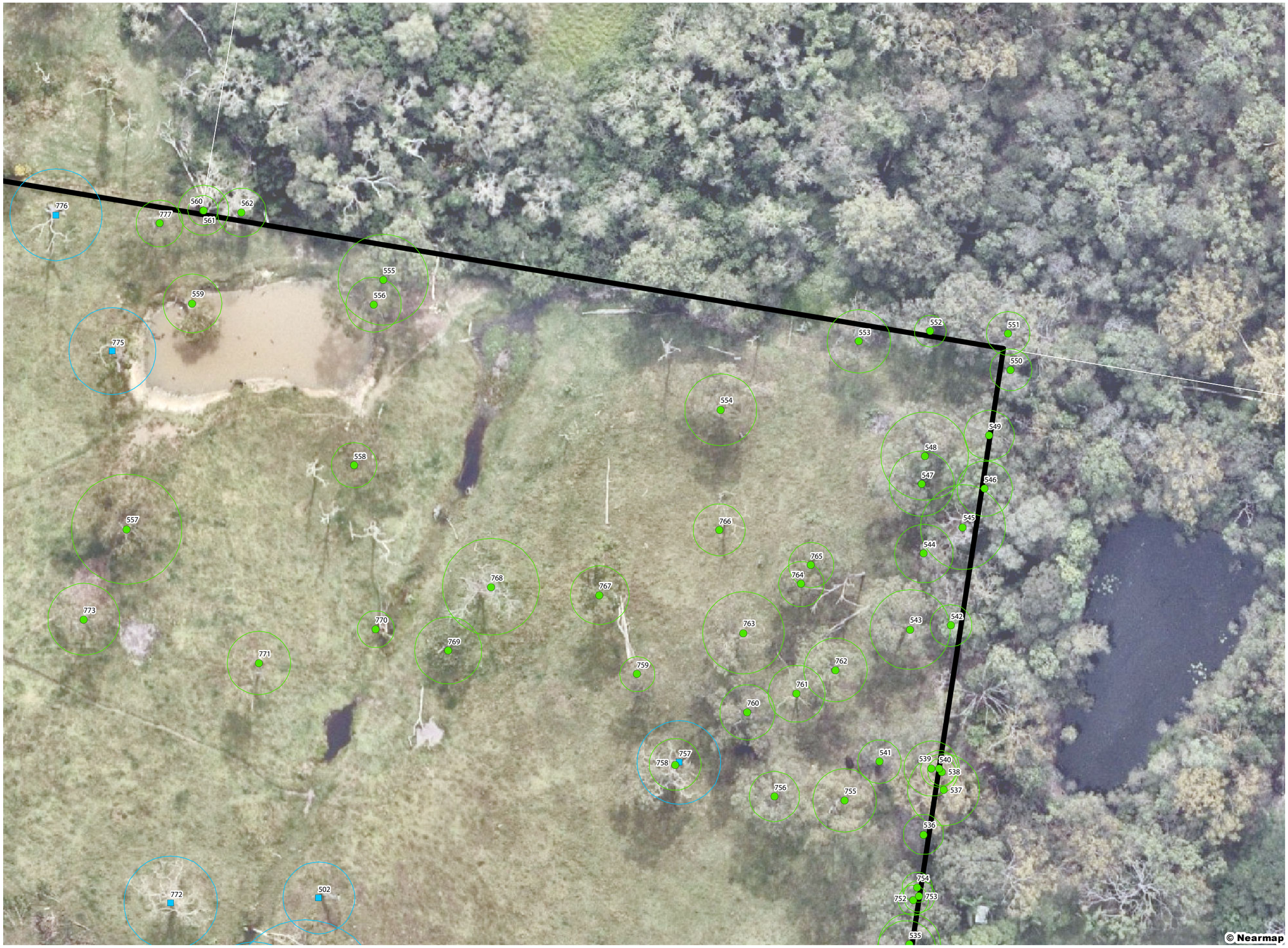
Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

2.07 GPS Tree Plot



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Legend

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- Qld DCDB

GPS Tree Plot (w/ TPZ)

- LCC Native Habitat Tree
- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:550 @ A3

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Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

2.08 GPS Tree Plot

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- Qld DCDB

GPS Tree Plot (w/ TPZ)

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- LCC Native Tree
- LCC Non-native Tree

Issue	Date	Description	Drawn	Checked
A	11/05/2023	Preliminary	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:550 @ A3

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Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

11/05/2023 | 11382 E02_1 GPS Tree Plot A

4.3. Vegetation Communities

Vegetation within the site is mapped as predominantly Category X (non-remnant) vegetation, with a central polygon of Category C (high value regrowth) vegetation (refer to **Figure 4**). The Regulated Vegetation Supporting Map indicates that the areas of Category on site contain Endangered RE 12.9-10.4/12.9-10.12/12.9-10.17/12.5.3 (60:25:10:5) (refer to **Figure 5**).

Preclearing mapping indicates that these RE combinations are also what the site previously may have contained within area mapped as Category X in addition to patches of Endangered RE 12.9-10.12 and Of concern RE 12.3.11. **Table 10** below outlines the species associated with these RE descriptions.

Table 10: Regional Ecosystems mapped on site

Regional ecosystem	VM Status	Description
RE 12.5.3	Endangered	Eucalyptus racemose subsp. racemose woodland with *Corymbia intermedia*, *E. siderophloia* +/- *E. tindaliae*, *E. resinifera*, *E. pilularis*, *E. microcorys*, *Angophora leiocarpa*. *Melaleuca quinquenervia* is often a prominent feature of lower slopes. Minor patches (<1ha) dominated by *Corymbia citriodora* subsp. variegata sometimes occur. Occurs on complex of remnant Tertiary surfaces +/- Cainozoic and Mesozoic sediments. (BVG1M: 9g)
RE12.9-10.12	Endangered	Mixed woodland to open forest usually containing *Corymbia intermedia, Angophora leiocarpa* and at least a presence of *Eucalyptus seeana.* Other commonly associated species include *E. siderophloia, E. tereticornis, E. racemosa subsp. racemosa and C. citriodora subsp. variegata. E. seeana* and *Lophostemon suaveolens* are often present as sub-canopy or understorey trees. Occasional *Melaleuca quinquenervia* on lower slopes. Occurs on Cainozoic and Mesozoic sediments. (BVG1M: 9g)
RE 12.9-10.17	Least Concern	Open forest to woodland complex generally with a variety of stringybarks, grey gums, ironbarks and in some areas spotted gum. Canopy trees include *Eucalyptus siderophloia*, *E. propinqua* or *E. major*, *E. acmenoides* or *E. portuensis*, *E. carnea* and/or *E. microcorys* and/or *Corymbia citriodora* subsp. variegata. Other species that may be present locally include *Corymbia intermedia*, *C. trachyphloia*, *Eucalyptus tereticornis*, *E. biturbinata*, *E. moluccana*, *E. longirostrata*, *E. fibrosa* subsp. *fibrosa* and *Angophora leiocarpa*. *Lophostemon confertus* or Whipstick *Lophostemon confertus* often present in gullies and as a sub-canopy or understorey tree. Mixed understorey of grasses, shrubs and ferns. Hills and ranges of Cainozoic and Mesozoic sediments. (BVG1M: 9a)
RE12.9-10.4	Least Concern	Eucalyptus racemosa subsp. racemosa woodland to open forest. Other species can include Angophora leiocarpa, Eucalyptus seeana, E. siderophloia, Corymbia intermedia, E. tindaliae, with Lophostemon suaveolens, Melaleuca quinquenervia, E. tereticornis common on lower slopes. Occurs on Cainozoic and Mesozoic sediments +/- remnant Tertiary surfaces. (BVG1M: 9g)

A detailed survey and walk over of the site confirmed the site to contain regrowth vegetation values, with a combination of cleared and highly modified areas around existing dwellings and infrastructure, and regrowth

vegetation through the centre of the lots. The different vegetation characteristics observed across the site in relation to regional ecosystems are described in the sections below.

4.3.1 Category B (remnant) vegetation

The site is mapped with a small area of Category B (remnant) vegetation containing Least Concern RE 12.3.5 in a small parcel in the northern boundary of Lot 4 on RP131003 (**Refer to Figure 5**). Descriptions of this RE is provided previously in **Table 10**.

Mapping indicates that a portion of remnant vegetation occurs partially across the northern border of Lot 4 on RP 131003, connected to a larger polygon of vegetation offsite. Ground truthing field surveys revealed that the quality of vegetation is highly disturbed and consistent with the slashed, cleared areas of the lot (refer to **Photo set 1**). Vegetation diversity remains is limited to native grasses such as *Imperata cylindrica* (Blady Grass), *Cynodon dactylon* (Green Couch) and *Juncus usistatus* (Common Rush) and invasive ground layer weed species including *Ageratum houstonianum* (Blue Billy Goat Weed) and *Melinis repens* (Red Natal Grass). Shrub species is limited to scattered Eucalypt regrowth specimens and increases in density and diversity across site boundary fence into the more connected remnant parcel offsite. No canopy or subcanopy species are present in this area within the site boundary, however vegetation reflective of RE 12.3.5 does occur north of the property boundary in the adjacent land (Refer to **Photo set 2**).

Photo set 1: Vegetation mapped as Category B (remnant) vegetation along the northern border reflective of mapped RE12.3.5.

Photo set 2: Category B (remnant) vegetation north of the border reflective of mapped RE12.3.5.

4.3.2 Category C (high-value regrowth)

The central portion of Lot 3 on RP 131003 is mapped as Category C (high-value regrowth) containing Endangered RE 12.9-10.4/12.9-10.12/12.9-10.17/12.5.3 (60:25:10:5) (Refer **to Figure 5)**. Descriptions of these REs are provided previously in **Table 10**.

Vegetation composition throughout this area varies, typically resulting from historical disturbances. In the southern portion of mapped regrowth, indicator species of RE 12.9-10.17 were absent. Relic species of RE 12.9-10.4/12.9-10.12/12.5.3 were present, however in a highly modified state with only scattered large trees. Canopy species are dominated by *Corymbia intermedia* (Pink Bloodwood), *Eucalyptus seeana* (Narrow-leaved Red Gum) and *E. racemosa* (Scribbly Gum). *Lophostemon suaveolens* (Swamp Box), *Allocasuarina littoralis* (Black She-oak) and *Alphitonia excelsa* (Soap Tree) characterised the subcanopy. The shrub layer contained mostly invasive species with dense *Lantana camara* (Lantana) along the eastern boundary and *Cinnamomum camphor* (Camphor laurel) and *Syagrus romanzoffiana* (Cocos Palm) scattered throughout. Largely native and some invasive vines composed the ground layer including *Passiflora suberosa* (Corky Passion), *Asparagus aethiopicus* (Ground Asparagus). Large amounts of leaf litter and woody debris was present with *Gahnia aspera* (Saw Sedge), *Lobelia purpurascens* (White Root), *Lomandra multiflora* (Many Flowered Matrush), *Hibbertia vestita* (Hairy Guinea Flower), *Pandorea pandorana* (Wonga Wonga Vine) and *Desmodium varians* (Greenleaf Desmodium).

The northern portion of regrowth vegetation was also highly modified and exhibited a greater proportion of large trees with species reflective of RE 12.9-10.12. *Corymbia intermedia* (Pink Bloodwood) dominated the canopy species with *E. siderophloia* (Grey Ironbark), *E. racemosa* (Scribbly Gum) and *A. leiocarpa* (Smooth-barked Apple) also present. Subcanopy observed *Lophostemon suaveolens* (Swamp Box) dominant with *Acacia disparrima* (Hickory Wattle), *Alphitonia excelsa* (Soap Tree) and *C. intermedia* (Pink Bloodwood), *E. siderophloia* (Grey Ironbark) regrowth. The ground and shrub layers observed higher levels of weed species and patchier regrowth evident of regular maintenance and clearing. *Acacia* sp regrowth largely composed the shrub layer with areas of *Lantana camara* (Lantana), *Ochna serrulata* (Ochna) and *Syagrus romanzoffiana* (Cocos Palm). The ground layer was largely leaf litter with *Lomandra multiflora* (Many Flowered Matrush), *Gahnia aspera* (Saw sedge) and *Lobelia purpurascens* (White root). Patches of *Ageratum houstonianum* (Blue Billy Goat Weed) and *Asparagus aethiopicus* (Ground Asparagus), *Brachiaria decumbens* (Signal Grasses) on edges of vegetation encroaching into regrowth.

Refer to **Photo set 3** for photos of the Category C vegetation area.

Photo set 3: ***Category C (high-value regrowth) vegetation mapped across the centre of the site mapped as 12.9-10.4 / 12.9-10.12 / 12.9-10.17 / 12.5.3 (60/25/10/5).***

4.3.3 Category X (non-remnant) vegetation

Category X (non-remnant) vegetation is mapped across the majority of the site. Vegetation in this area is limited to scattered eucalypt trees, planted ornamentals and limited native ground species diversity (refer **Photo set 4** and **Photo set 5**). This area reflects previous land uses and modifications associated with the constructed dam in the east and residential dwellings in on site.

The western portion of Category X vegetation on the site contains a regularly maintained lawn space of *Cynodon dactylon* (Green Couch) with planted ornamental species dominant Some large *Eucalypt* species remaining in west, including a patch of *Corymbia intermedia* (Pink Bloodwood) and *Eucalyptus siderophloia* (Grey Ironbark) and large *E. racemosa* (Scribbly Gum) in south-west (refer **Photo set 4**). A fruit orchid is situated in the north-west of Lot 3 on RP131003 with *Citrus* sp, Mulberry (Morus alba), *Artocarpus heterophyllus* (Jackfruit), *Mangifera indica* (Mango) and 3 planted *Macadamia integrifolia* (Macadamia) individuals (refer to **Photo set 5**). These specimens are evidently planted due to location within cleared open space adjacent other fruiting trees.

Photo set 4: ***Cleared and highly modified vegetation mapped as Category X (Western portion of site) .***

Photo Set 5: ***Ornamental species and planted fruit trees surrounding existing dwelling on Lot 3 on RP131003***

The eastern portion of Category X vegetation on the site is characterised by highly modified vegetation, including slashed understory. Scattered mature canopy trees occur across the site including *Eucalyptus racemosa* (Scribbly Gum), *Eucalyptus tereticornis* (Forest Red Gum), *Eucalyptus seeana* (Narrow leaved Redgum), *Corymbia trachyphloia* (Brown Bloodwood) and *Corymbia intermedia* (Pink Bloodwood) (refer to **Photo set 6).** The ground and tree layers immediately surrounding the dwelling on Lot 4 on RP131003 and to the north are dominated by ornamental species (refer **Photo set 9).** The southern border is lined by *Pinus elliotti* (Slash Pine) with primarily planted orchard species and highly disturbed understory occupying the southern portion of the lot. (**Photo Set 7)**.

Photo Set 6: ***Cleared and highly modified vegetation mapped as Category X (Eastern portion of site).***

Photo Set 7: ***Pinus elliottii (Slash Pine) along border and ornamental species immediately surrounding dwelling onsite of Lot 4 on RP 131003.***

4.4. Fauna survey results

A basic fauna assessment was conducted across the site to identify and describe on-ground habitat features (e.g. habitat trees, fallen logs, termite mounts, roosting sites etc.), signs of fauna activity (e.g. scats, tracks, scratch marks on trees, nests etc.) and observations of species present within the area. Consideration was also given to the ecological significance of the site in the context of the local area and the broader region.

The following observations were made based on the field survey:

- A total of thirty-seven (37) fauna species were recorded consisting of thirty-two (32) avian species, one (1) amphibian species, three (3) mammal species, and one (1) reptile species (refer **Table 11**).
- All species observed are common to the local area and typically found in urbanised environments.
- The site is relatively flat and does not contain any notable habitat features such as rocky outcrops, ridgelines, or gullies. The site does contain a minor drainage feature; however, this does not contribute any significant habitat values. (refer to **Section 4.5**).

- Some hollow bearing trees were observed during site survey (refer to Tree Schedule in **Appendix F**). Vegetation on-site is considered most suitable for urbanised fauna but may provide some limited habitat for arboreal mammals or hollow nesting birds.
- Vegetation onsite does contain some suitable koala habitat tree species. Koala habitat trees within the subject site are subject to a degree of fragmentation as a result of historical clearing for the existing rural residential uses and adjacent roads. It is anticipated that the site of the proposed development will continue to become increasingly isolated as future development occurs across the local area. Further, existing threats, including the presence of fencing, roads, and domestic dogs occur surrounding the subject site.
- Vegetation onsite does contain some suitable foraging habitat for *Pteropus poliocephalus* (Grey-headed Flying-fox), however this species was not detected on site and no roosts were observed on site.
- No observations of EPBC of NCA listed fauna species were recorded on the site.
- Potential habitat or foraging resources for NCA or EPBC listed fauna were observed on site and are discussed in **Section 4.4.1**.

Fauna assessments were undertaken during the site visit on the 7 October 2022 and 5 April 2023, with the entire site traversed and areas with the potential to provide fauna habitat closely investigated. Fauna recorded on site are listed in **Table 11**.

Table 11: Fauna recorded on-site

Scientific Name	Common Name	Native/Introduced	Biosecurity Act
Amphibians			
Litoria fallax	Eastern Sedgefrog	Native	
Birds			
Anas superciliosa	Pacific Black Duck	Native	
Anas platyrhynchos	Mallard Duck	Introduced	
Anserini chen	Goose	Introduced	
Aquila audax	Wedge-tail Eagle	Native	
Ardea ibis	Cattle Egret	Native	
Cacatua galerita	Sulphur-crested Cockatoo	Native	
Cacatua sanguinea	Little Corella	Native	
Corvus orru	Torresian Crow	Native	
Cracticus torquatus	Grey Butcherbird	Native	
Dacelo novaeguineae	Laughing Kookaburra	Native	
Entomyzon cyanotis	Blue-faced Honeyeater	Native	
Eolophus roseicapilla	Galah	Native	
Eudynamys orientalis	Eastern Koel	Native	

Scientific Name	Common Name	Native/Introduced	Biosecurity Act
Gallus gallus domesticus	Chicken	Introduced	
Gerygone olivacea	White Throated Gerygone	Native	
Grallina cyanoleuca	Magpie-lark	Native	
Gymnorhina tibicen	Australian Magpie	Native	
Malurus melanocephalus	Red-backed Fairy Wren	Native	
Manorina melanocephala	Noisy Miner	Native	
Milvus migrans	Black Kite	Native	
Philemon corniculatus	Noisy Friarbird	Native	
Platycercus adscitus	Pale-headed Rosella	Native	
Podargus strigoides	Tawny Frogmouth	Native	
Rhipidura albiscapa	Grey Fantail	Native	
Rhipidura leucophrys	Willie Wagtail	Native	
Scythrops novaehollandiae	Channel-billed Cuckoo	Native	
Strepera graculina	Pied Currawong	Native	
Threskiornis Molucca	Australian White Ibis	Native	
Trichoglossus haematodus moluccanus	Rainbow Lorikeet	Native	
Todiramphus sanctus	Sacred Kingfisher	Native	
Vanellus miles	Masked Lapwing	Native	
Mammals			
Felis catus	Domestic Cat	Introduced	
Macropus giganteus	Eastern Grey Kangaroo	Native	
Macropus rufogriseus	Red-necked Wallaby	Native	
Reptiles			
Lampropholis delicata	Grass Skink	Native	

4.4.1 Koala Surveys

The Koala is found in a range of habitats, from coastal islands and tall eucalypt forests to low woodlands inland. Koalas have been recorded within 5km of the subject site on WildNet searches and are known to occur in the Logan local government area. The subject site was observed as containing some suitable habitat and food trees for Koala, but most vegetation onsite was observed to be highly modified from historical and current rural residential land uses.

Three (3) SAT surveys were conducted during the site visits on 7 October 2022 and 5 April 2023 (refer to **Plan 1**). No Koala scats were detected during the SAT surveys giving 0.00% scat presence (refer to **Table 12**). All

surveys were categorised as 'low use' based on mean activity levels across the East Coast as per the Spot Assessment Technique (SAT) methodology developed by the Australian Koala Foundation[2]. The raw SAT data is provided In **Appendix G**.

Table 12: Koala SAT Survey Results

SAT Survey Number	Evidence of Koala Use (%)	East Coast (Med-High) Koala Use (Low, Medium, High)
1	0.00%	Low
2	0.00%	Low
3	0.00%	Low

4.4.2 Threatened fauna species

No fauna species listed as threatened under the EPBC Act or NCA were directly observed on-site. The site was observed to contain some minimal habitat for *Phascolarctos cinereus* (Koala), and some potential foraging for *Pteropus poliocephalus* (Grey-headed Flying-fox). Neither species were detected in site during site surveys, and no *Pteropus poliocephalus* (Grey-headed Flying-fox) roosts were observed on site.

4.5. Waterway features

4.5.1 Fisheries Act 1994 Waterway

A 'low' risk waterway features under the *Fisheries Act 1994* is mapped as occurring near the western boundary of the site (refer to **Figure 5**). This mapped waterway is also associated with the mapped 'Minor Waterway' within the LCC Planning Scheme Waterway Corridor and Wetland Overlay. As discussed in **Section 3.5,** a referral to SARA for waterway barrier works may be required as part of operational works approvals.

Field surveys confirmed that this 'low' waterway, and the associated LCC Minor Waterway mapped through the western portion of the site has been highly modified by adjacent dwellings through a series of constructed dams, vegetation clearing, and cattle grazing. Lot 4 on RP 131003 is also bordered by an access road to the south.

The mapped waterway contains a minor flow path, a drainage feature of Scribbly Creek to the north. At the entrance to site from the northern boundary, there was a high proportion of weed species and high sedimentation in the water column. Water was present in the feature at the time of surveying however this did not continue across the whole of the mapped feature due to its highly modified nature (refer to **Inset 1**).

Two (2) constructed dams were confirmed to appear onsite, measuring approximately 30x25m, which likely act as a basin for overland flow during heavy rain events. The dam on Lot 3 on RP131003 was predominantly

[2] Phillips, S & Callaghan, J 2011, "The *Spot Assessment Technique*: a tools for determining localised levels of habitat use by Koala *Phascolarctos cinereus*", *Australian Zoologist*, 35:3.

bordered by *Melaleuca quinquinervia* (Broad-leaved paperbark) and *Lophostemons suaveolens* (Swamp Box). Neither dams contained evidence of macrophytes or fish habitat nor any out or inflow features (refer **Photo Set 8).**

Inset 1: Mapped Minor Waterway on northern edge of site

Photo set 8: ***Dam onsite Lot 3 RP 131003 (left) and Lot 4RP131003 (right).***

4.5.2 LCC Waterway Corridors

A Minor Waterway is mapped over the western portion of Lot 4 on RP131003 terminating at the southern border where the site abuts Talinga Drive.

As discussed above in Section 4.6.1, the Minor Waterway mapping is not usually associated with the onsite constructed dams, although the drainage feature likely feeds into the dam in the northern border of Lot 4 on RP131003 during flooding events. Water was present partially across the site however was mainly pooled in the entry of the drainage feature on the northern border (refer to **Inset 1**).

Photos of the constructed dams onsite, not associated with the mapped waterway, are shown in **Photo set 8**.

5. Impact assessment and development analysis

5.1. Proposed development

The proposed development is for the reconfiguration of a lot for a residential dwellings with associated internals roads, drainage and stormwater infrastructure, and environmental corridor. Refer to **Appendix A** for the proposed development layout.

The proposed development impacts are outlined in **Plan 3.**

A small area mapped as both Koala Habitat Area (core) (KHA) and Category B remnant vegetation is mapped on-site, however clearing of this small area is exempt under the Planning Regulation 2017. It is confirmed that the mapped 'low' waterway within the western portion of the site may require referral to SARA subject to detailed design at operational works stage. However, no state referrals to SARA are required to state environmental values at this time. No EPBC Act or NC Act threatened flora or fauna species were observed onsite.

LCC Vegetation Management Areas

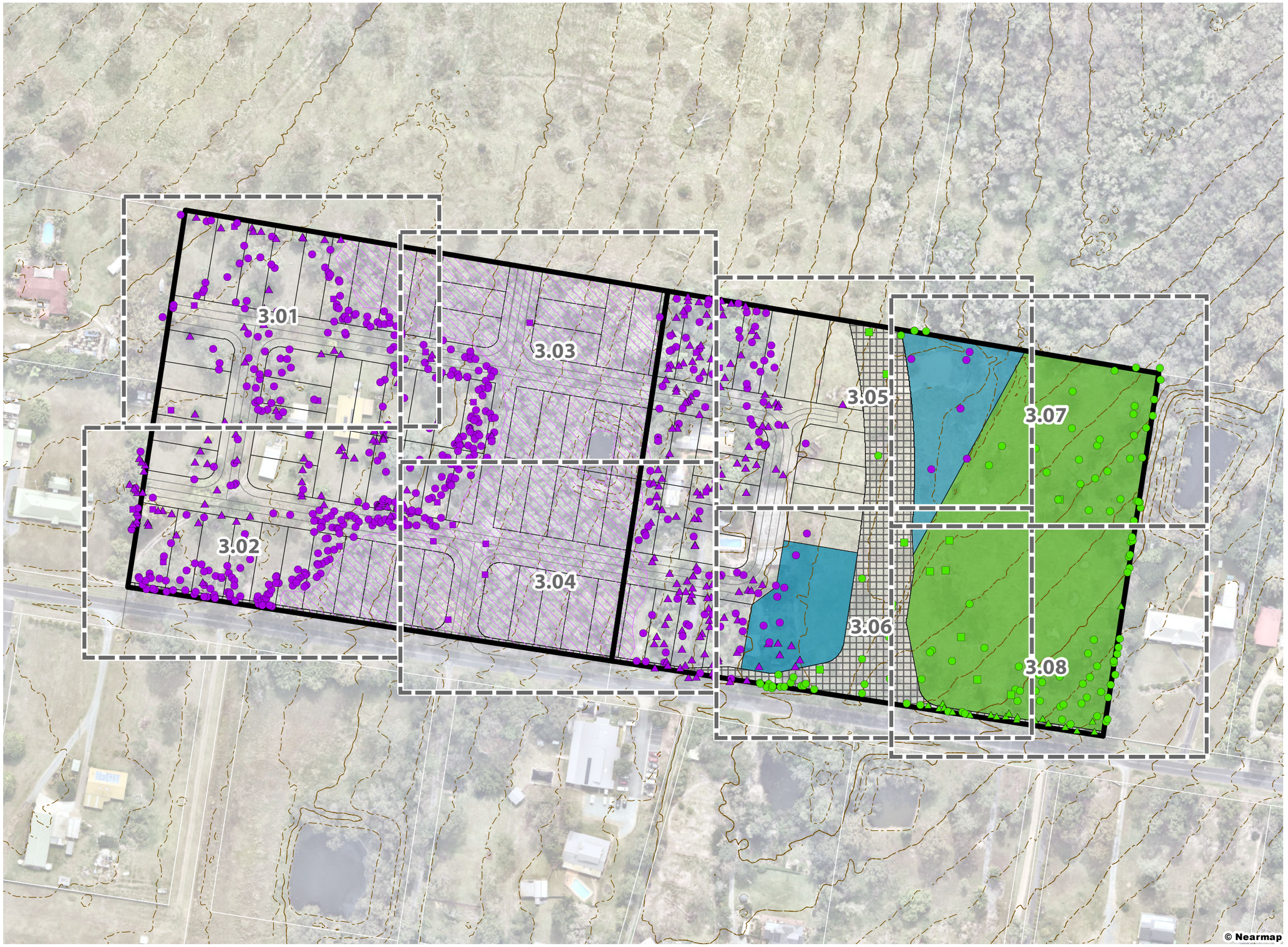
In the context of the Logan Planning Scheme 2015, the proposed development will result in the removal of native trees, native habitat trees, and additional areas of dense vegetation mapped as Primary Vegetation Management Area, and Secondary Vegetation Management Area within the LCC Planning Scheme 2015 Biodiversity Area Overlay. Proposed impacts to these values are shown in **Plan 3**. In summary, the proposed development will result in the removal of the following;

- 16 native habitat trees within the Secondary Vegetation management area;
- 413 native trees within the Secondary Vegetation management area;
- 18,928 m^2 of dense vegetation (>1 tree per 10m2) within the Secondary Vegetation Management Area; and
- 1,154 m^2 of vegetation within the Primary Vegetation management Area.

LCC Water Corridors

The areas mapped as Primary Vegetation Management Area are also associated with a mapped LCC Minor Waterway corridor. As discussed in **Section 4.5**, the mapped Minor Waterway area onsite consist of a drainage flow path that has been highly modified, and is significantly impacted by weed species in parts. The development proposes earthworks some earthworks within the mapped Minor Waterway area. Rehabilitation planting will be undertaken in all areas modified by earthworks to ensure no net loss of ecological values associated with waterways on the site. Given the high prevalence of introduced vegetation species associated with the constructed dams and modified drainage channels, the rehabilitation works outlined by the accompanying concept Landscape documentation (prepared by Saunders Havill Group) will ensure that the ecological function of these areas will be enhanced and protected within the proposed Environmental Corridor and Detention / Drainage areas (refer to **Appendix A).**

3.00 Development Assessment



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Legend

- Site DCDB
- Qld DCDB

Layout Detail

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- Road dedication area
- Detention Basin
- Environmental Open Space [1.51 ha]

GPS Tree Plot

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LCC non-native tree to retain	[31]
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LCC native tree to remove	[473]
LCC non-native tree to remove	[241]
Dense vegetation area to remove	

Issue	Date	Description	Drawn	Checked
B	9/08/2023	Layout Update	TF	KT

0 10 20 30 40 50 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:1,800 @ A3

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Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

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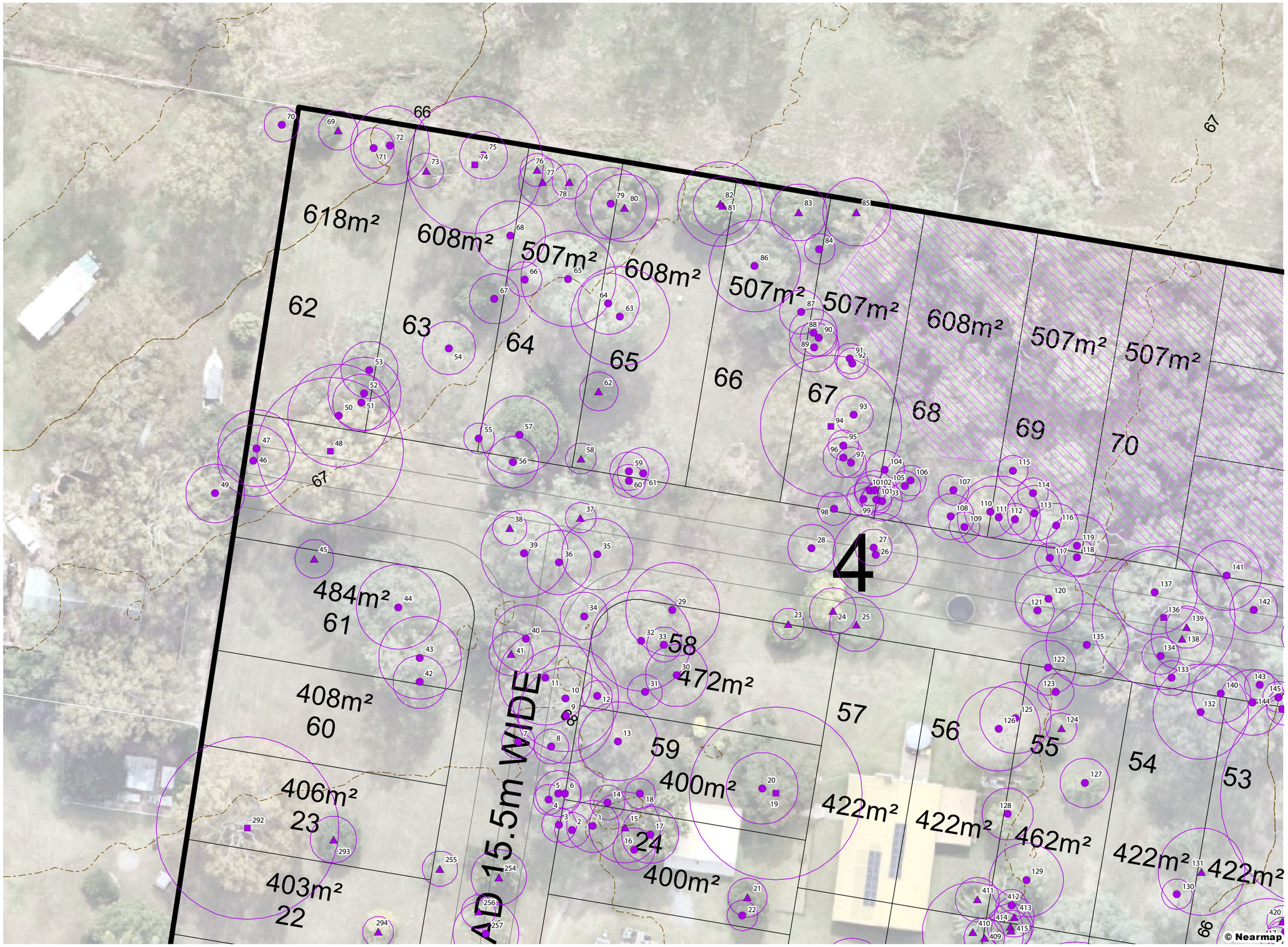
3.01 Development Assessment



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B	9/08/2023	Updated layout	TC	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @ A3

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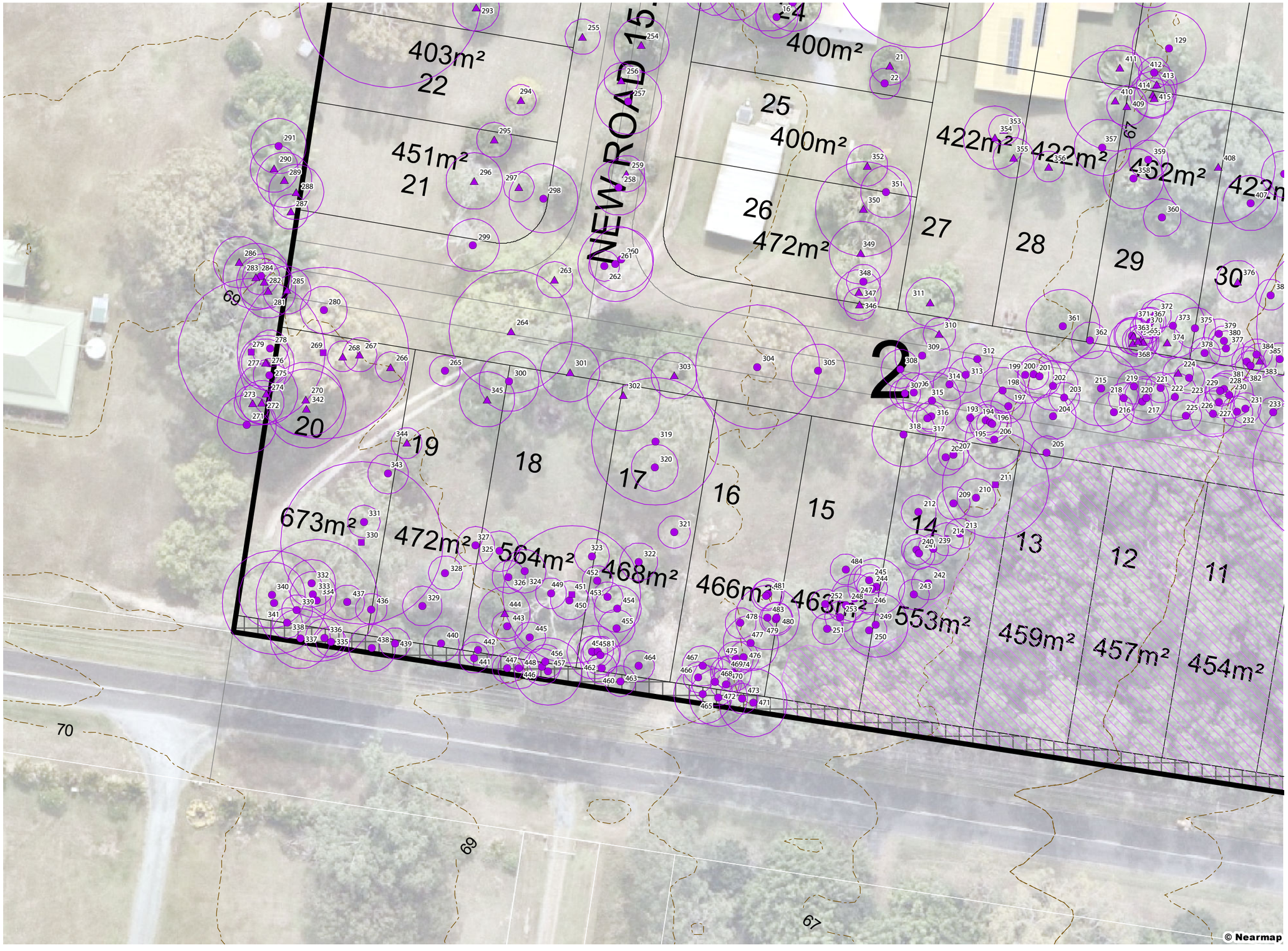
Talinga Drive, Park Ridge

3.02 Development Assessment



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Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @ A3

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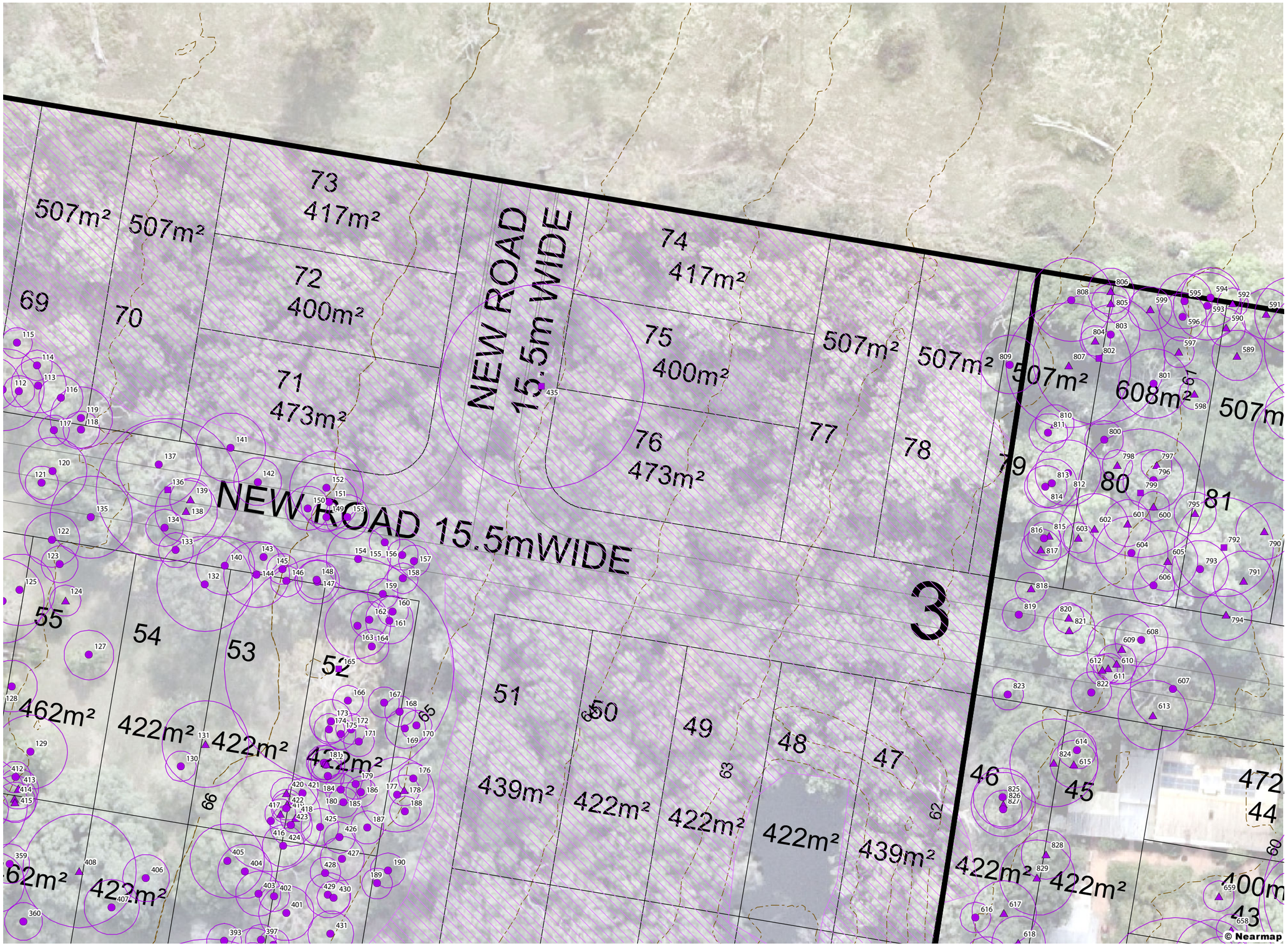
3.03 Development Assessment



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Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @ A3

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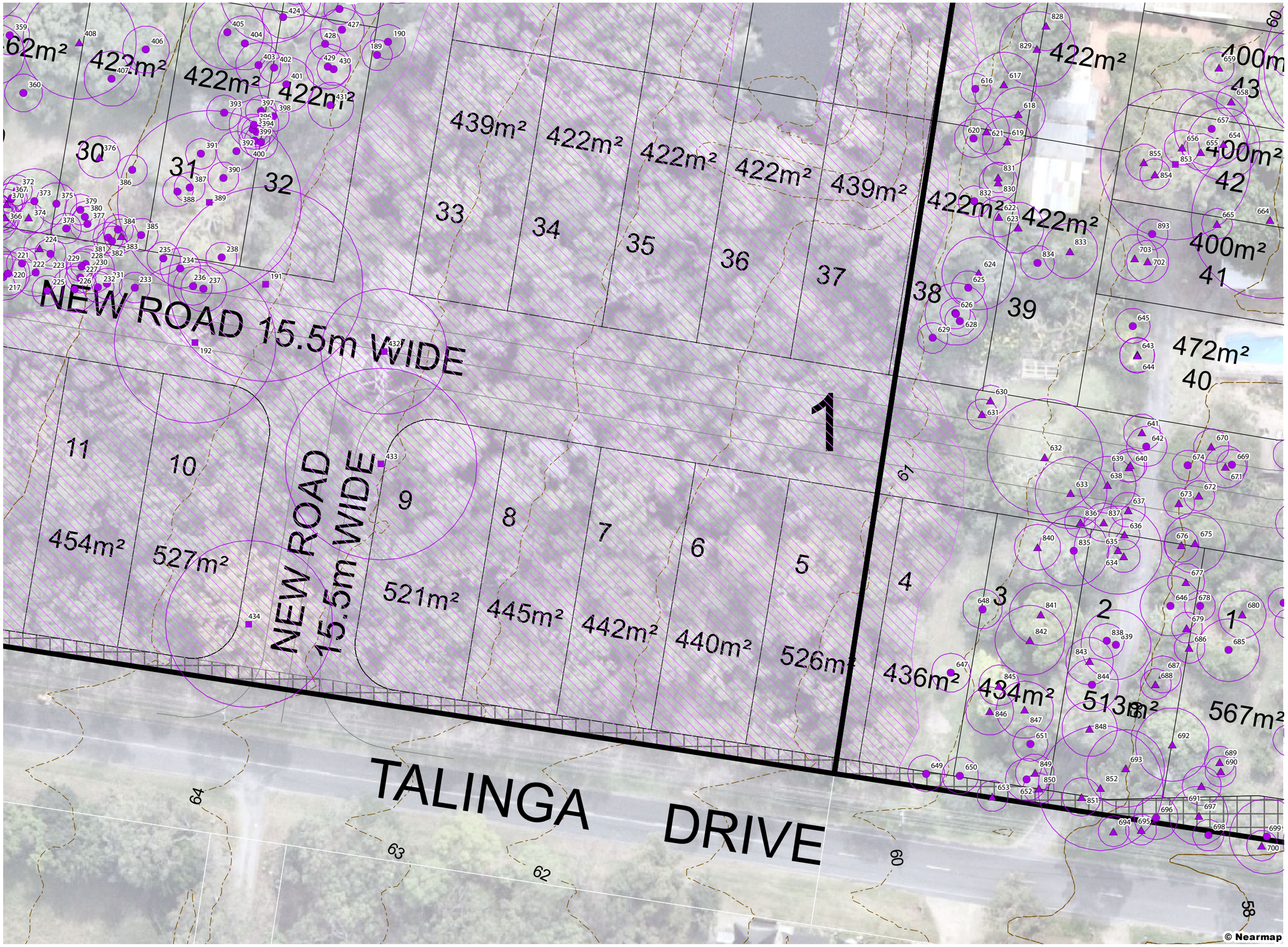
3.04 Development Assessment



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Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @A3

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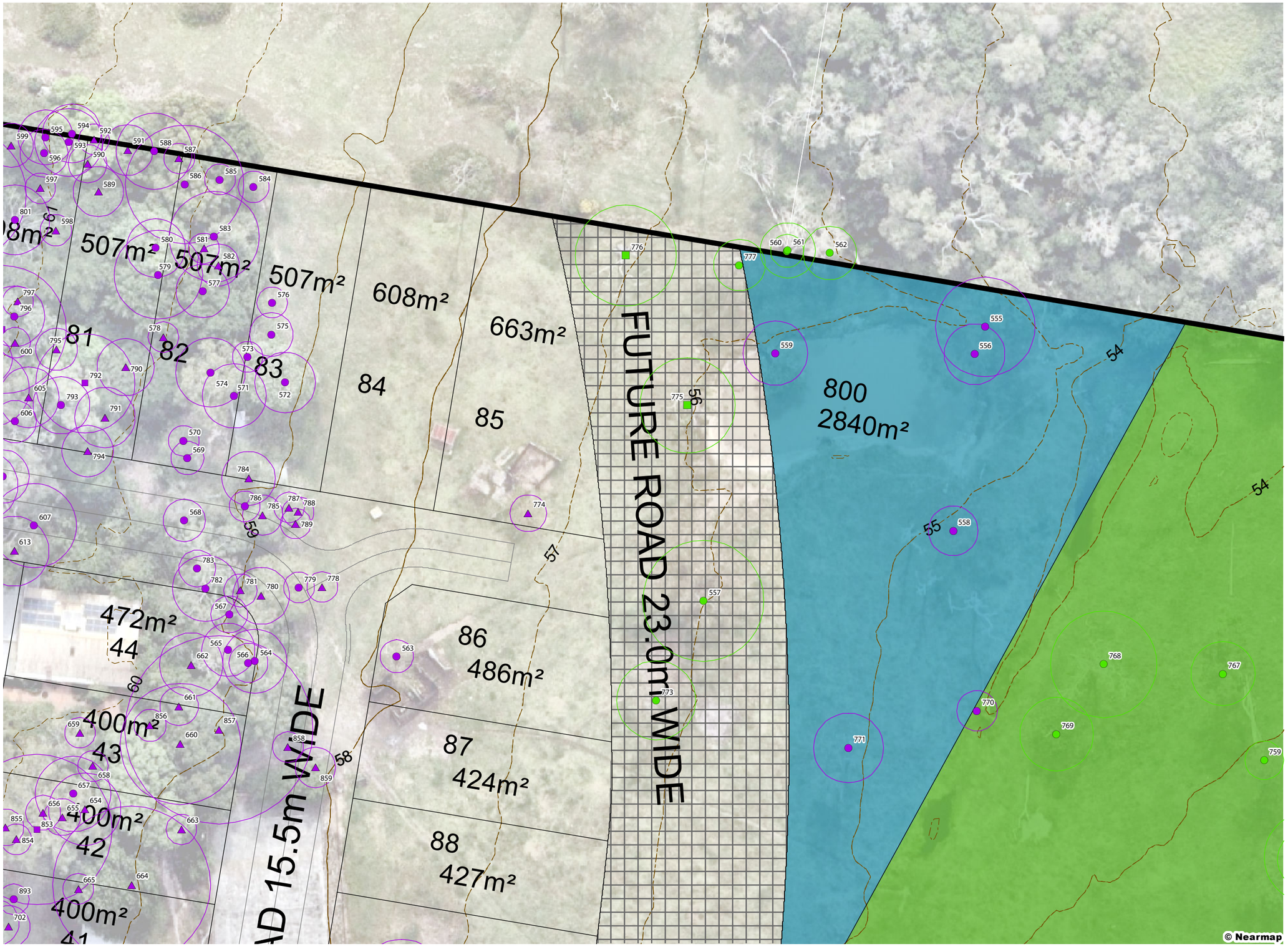
3.05 Development Assessment



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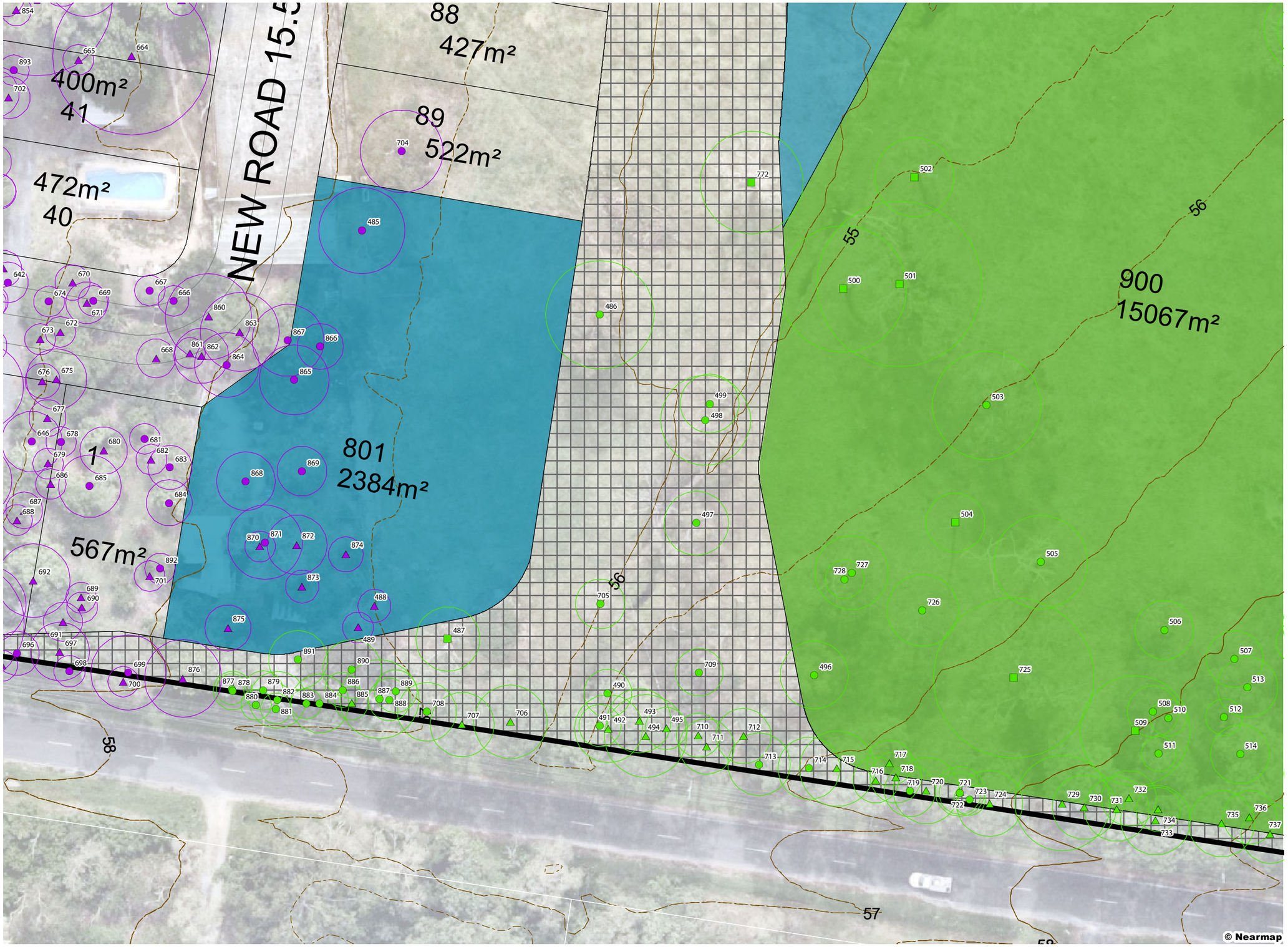
Talinga Drive, Park Ridge

3.06 Development Assessment



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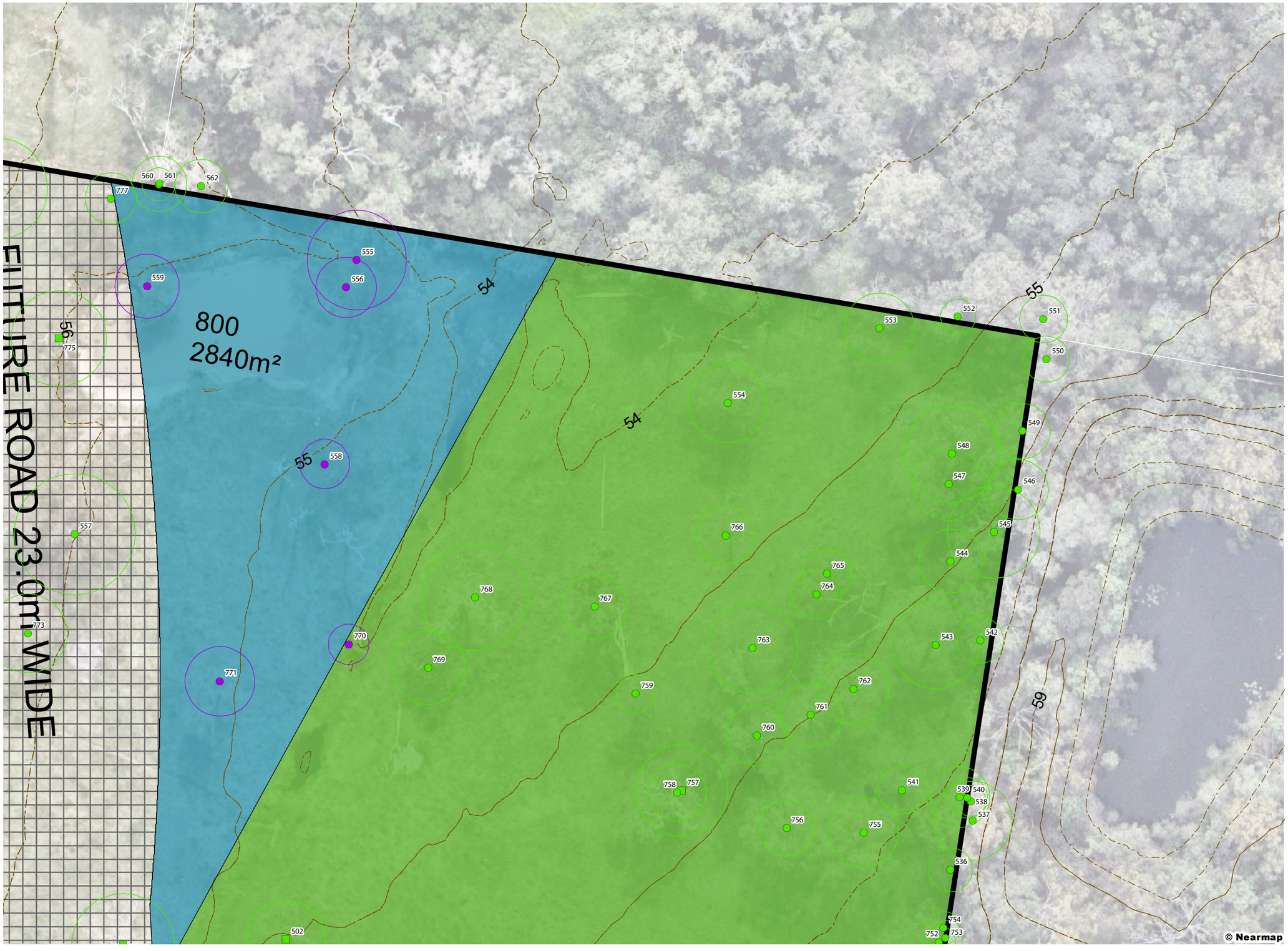
3.07 Development Assessment



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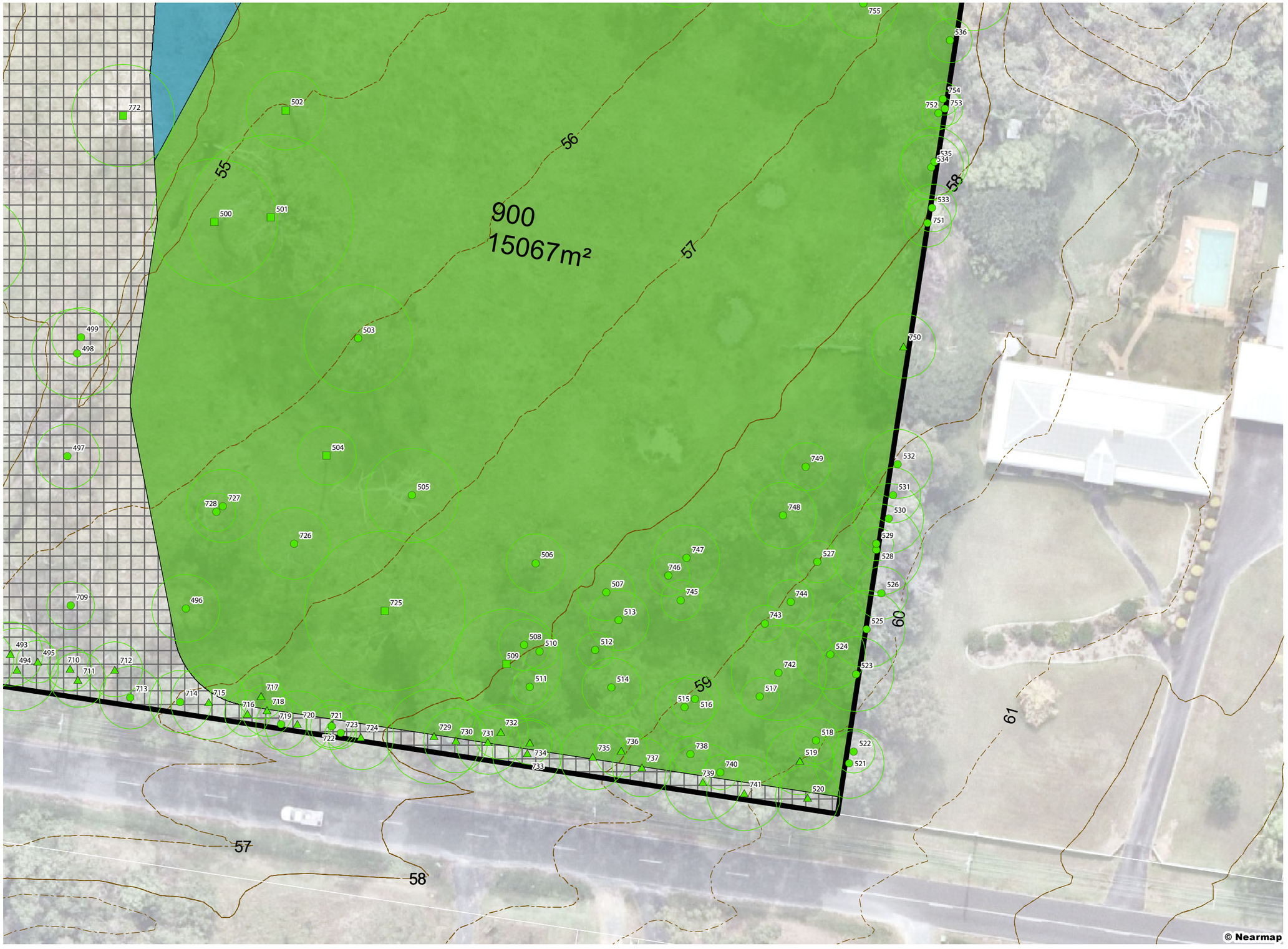
3.08 Development Assessment



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Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

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5.2. Potential impacts

The key potential ecological impacts associated with the development proposal are:

5.2.1 Vegetation clearing

The proposed cut and fill earthworks required to establish the relocatable home park, with associated community facilities, internals roads, drainage and stormwater infrastructure will require that vegetation on site is removed.

The vegetation clearing proposed on site will reduce vegetation cover and habitat for flora and fauna dependent on that vegetation.

5.2.2 Weeds

Increased vehicle movement during the construction phase has the potential to increase the spread of weeds in the area, particularly during the vegetation clearing phase. As the site is already heavily dominated by invasive species it is considered unlikely the project will result in an increase in weed presence in adjacent areas, as these species are already present. However, with the implementation of standard mitigation measures, the project is likely to result in a negligible impact to ecological values due to the potential introduction/spread of weeds.

5.2.3 Vehicle movements

During construction, an increase in machinery and vehicle presence will be required on the subject site. Direct impacts from vehicle movements on threatened species and vegetation communities include:

- damage or destruction of vegetation or fauna habitat by vehicles traversing these areas; and
- fauna strike.

Indirect impacts from vehicle movements include:

- interference of fauna through visual and noise impacts. This in turn can affect feeding, roosting, breeding or nesting behaviour;
- introducing and/or spreading weeds or feral animals carried on or in vehicles, resulting in deterioration or loss of vegetation and important fauna habitat; and
- damage or destruction of vegetation and fauna habitat through smothering by dust generated by vehicles traversing the project area.

With the implementation of standard mitigation measures, the project is likely to result in a temporary and minor impact to ecological values due to vehicular movements. This is further supported by the site currently existing within an increasingly urbanised area.

5.2.4 Earthworks

Construction activities have the potential to generate dust emissions. Dust emissions during construction will be temporary. The main sources of dust will be generated via:

- wheel-generated dust from the haul roads created for the construction phase;
- dust lift-off from exposed surfaces (e.g. construction roads and pads);

- earthworks, including construction of the embankments, and moving, dumping and shaping material; and
- vegetation and soil clearing of the land.

Excessive deposition of dust on leaves of plants can suppress the growth and photosynthesis, resulting in reduced habitat quality for fauna. High levels of airborne dust can irritate the respiratory systems of fauna and potentially result in ingestion of dust-coated seeds and other foods. Excessive deposition of dust on open water bodies may also degrade water quality and overall habitat quality for fauna. With the implementation of standard mitigation measures, the project is likely to result in a temporary and minor impact to ecological values due to the generation of dust.

5.2.5 Light emissions during construction

Artificial light can affect both nocturnal and diurnal animals by disrupting behavioural patterns, with quality of light (e.g. wavelength, colour), intensity and duration potentially evoking different faunal responses. Impacts from increased light levels include disorientation from, or attraction toward, artificial sources of light; mortality from collisions with structures; and effects on light-sensitive cycles of species (e.g. breeding and migration for fauna and flowering in plants). An artificial increase in lighting can also affect abundance of predators.

Presence and intensity of artificial light in the project area will temporarily increase during the construction phase; however, night works will not be common. Lighting will be directed to construction areas within the project area. Some light spillage will be inevitable and is likely to be contained. Potential impacts associated with light emissions will be temporary and unlikely to be significant. Notably, light pollution is already present within the project area as a result of the nearby residential areas.

With the implementation of standard mitigation measures, the project is likely to result in a negligible impact to ecological values due to the use of light pollution during construction.

5.2.6 Noise and vibration

Noise levels greater than existing ambient noise levels are expected during the construction within the project area. Sources of noise are likely to consist of noise in short, intense pulses from mobile plant equipment, and more prolonged noise, with consistent vibration, pitch and volume from generators, excavators and pumps, in addition from noise from vehicles.

Both steady continuous and single noise events have the potential to lead to ecological impacts. Construction noise is expected to elicit some avoidance response from fauna using the surrounding vegetation though, with consideration of the lack of habitat available in the study area, this is likely to be a temporary and negligible to minor impact.

5.2.7 Waste disposal

Inappropriate disposal of non-hazardous wastes can attract invasive species such as feral cats, wild dogs and introduced rats (amongst other fauna) to site. This may exacerbate potential impacts (e.g. invasive species introduction, road mortality). Litter may also enter surrounding environments. With the implementation of standard mitigation measures, the project is likely to result in a negligible impact to ecological values due to the generation and handling of waste.

5.2.8 Hazardous and dangerous goods

Spills and leaks from transfers (e.g. fuel and/or chemicals) and inadequate storage of dangerous goods and hazardous wastes could result in point-source contamination of surrounding land. Direct adverse impacts could include toxic impacts on vegetation (resulting in degradation or loss of vegetation and habitats), direct toxic impacts on fauna (from contact, inhalation or ingestion) or indirect impacts on threatened and migratory species from habitat loss. Direct adverse impacts on surface and groundwater quality are also possible.

With the application of standard mitigation and management measures, impacts from liquid and solid waste disposal will be avoided or localised and small in scale. Further to this, the likelihood of significant spillages is considered low. Therefore, the project is likely to result in a negligible impact to ecological values due to potential spills and leaks.

5.2.9 Increased human presence

Increased human activity during construction has the potential to disturb fauna within adjacent habitat areas. Resulting impacts to fauna include heightened vigilance and predator avoidance, which can disrupt foraging and roosting efficiency or deter wildlife from using particular areas. Nonetheless, the project is likely to result in a temporary and minor impact to ecological values due to increased human presence on site during the construction period.

5.3. Ongoing disturbances

After completion of development, significant increases in direct and indirect anthropogenic impacts on the surrounding ecological values are not anticipated. This is due to the proposed development being mostly situated in previously cleared and maintained areas. Potential increase to traffic along the roads at the extremity of the site indicate continuing risks to ecological values from:

- vehicle movements; and
- noise and light pollution.

Each potential impact associated with the increased traffic is described in detail in the following sections.

5.3.1 Vehicle strike

Upon completion of the development, vehicle traffic may increase (compared to baseline conditions), increasing the likelihood of fauna strike. However, field surveys observed the site to be highly disturbed and fragmented in parts, resulting in a lack of canopy cover and species diversity. The probability of fauna strike is reduced due to the fact that most fauna will generally avoid urban areas, and therefore fauna presence within the site is expected to be low following the construction, and the ongoing risk of vehicle strike is considered to be negligible.

5.3.2 Noise and light

Noise levels are likely to increase once the development occurs as there will be increased vehicular and pedestrian traffic. Road noise will be the primary source of noise impact.

Artificial light from dwellings or street lighting may affect nocturnal and diurnal animals by disrupting patterns, with quality of light (e.g. wavelength, colour), intensity and duration potentially evoking different responses. Impacts from increased light levels include disorientation from or attraction toward artificial sources of light; mortality from collisions with structures; and effects on light-sensitive cycles of species (e.g. breeding and migration for fauna and flowering in plants). The presence and intensity of artificial light will have most impact at the edges of adjacent vegetation, however the proposed environmental corridor will buffer vegetation adjacent to the site from light spillage as a result of street lighting. Furthermore, the development is likely to result in a negligible impact to wildlife due to light spillage.

6. Management and Mitigation Measures

6.1. Vegetation Management Plan

A Vegetation Management Plan (VMP) should form part of the broader management document submitted as part of the operational works drawings for the project site.

The VMP should cover clearing of all vegetation listed in this report in addition to all trees mapped as significant individual trees. It should include details on:

- trees marked for removal;
- all civil works likely to impact existing vegetation;
- temporary and permanent exclusion and protection fencing;
- roles and responsibilities for site contractors, the developer and the consultant group;
- stockpiling and site access locations;
- a clearing sequence plan showing the commencement of clearing and direction of removal (this should be in conjunction with the Fauna Management Plan (FMP) to allow for the appropriate flushing of fauna towards safe havens and/or the application of an appropriate relocation program);
- links to weed management and revegetation proposals; and
- stock piling and reuse of cleared vegetation.

6.2. Fauna Management Plan

A Fauna Management Plan (FMP) should be prepared for potential impacts of the construction phase covering the loss of vegetated areas, isolated trees and likely barriers and impediments to local dispersal.

The FMP should link closely with the VMP, or be included as part of a combined Vegetation Clearing and Fauna Management Plan (VCFMP), and include details on:

- species confirmed and likely to use the site, focusing on those most likely impacted by development works;
- a list of relevant State and Commonwealth legislation constraints and controls for fauna potentially affected by development works;
- a plan showing existing habitat opportunities and locations;
- details of the threats to existing fauna species;
- the clearing sequence plan from the VMP;
- management and mitigation measures – i.e. temporary use of fauna exclusion fencing;
- description of fauna spotter role, contacts and certification; and
- specific fauna management procedures for potential or known habitat trees.

6.3. Rehabilitation Management Plan

The Rehabilitation Concept Plan (prepared by Saunders Havill Group) that accompanies this EAR outlines the proposed rehabilitation of the areas shown as Environmental Corridor and Detention / Drainage in the proposed development plan (refer to **Appendix A**).

A detailed Rehabilitation Management Plan (RMP) should form part of the broader management documents submitted as part of the operational works phase, and will generally include information on:

- Rehabilitation approaches and planting specifications (if required)
- Existing and proposed contours
- Locations of services, earthworks
- Existing vegetation to be retained, removed
- Location of waterways and waterbodies
- Major weed infestations and proposed treatments
- Trail and path systems

As the Environmental Corridor and Detention / Drainage areas will be subject to some earthworks and the construction of stormwater basin infrastructure, it is expected that rehabilitation of this area will require a mix of assisted natural regeneration through weed management activities and reconstruction planting.

6.4. LCC Vegetation Offsets

Under the Logan Planning Scheme 2015, clearing of native vegetation (native trees and native habitat trees) within areas identified as Primary Vegetation Management Area or Secondary Vegetation Management Area within the Biodiversity Areas Overlay is required to be offset in accordance with the LCC Environmental Management Planning Scheme Policy. The site is mapped as containing Primary and Secondary Vegetation Management Areas according to the LCC Biodiversity Areas Overlay, therefore an environmental offset is required to ensure a net gain in native vegetation, native trees and native habitat trees.

The provision of the required LCC environmental offset will ensure that the impacts associated with the removal of native vegetation on site will be mitigated, and the required net gain of native vegetation achieved. It is expected that the applicant will meet any required offset obligations through a financial contribution.

For development impacts occurring within the Secondary Vegetation Management Area, where the density of trees is less than 1 tree per 10m^2, then the required environmental offset is calculated based on the number of individual native trees or native habitat trees removed. For development impacts within the Primary Vegetation Management Area, or Secondary Vegetation Management Area where the density of trees is more than 1 tree per 10m^2, the required environmental offset is calculated on a per m^2 basis.

The Logan Planning Scheme shows that the site contains both Primary Vegetation Management Area and Secondary Vegetation Management Areas. As shown within **Plan 4,** once exempt clearing is accounted for, the proposed development will impact;

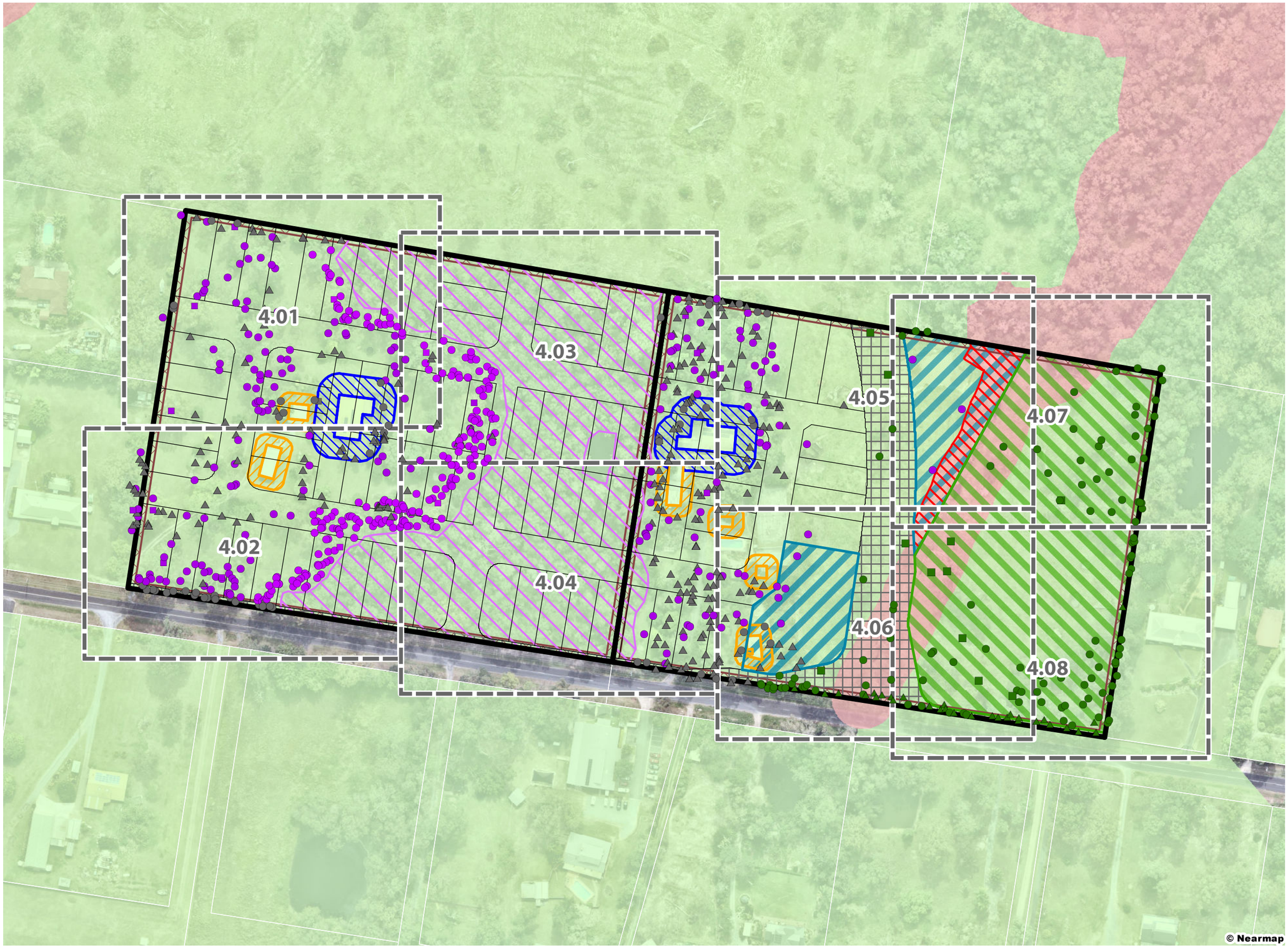
- 16 native habitat tree and 413 native trees within the Secondary Vegetation management area;
- 18,928 m^2 of dense vegetation (>1 tree per 10m2) within the Secondary Vegetation Management Area; and
- 1,154 m^2 of Primary Vegetation Management Area.

The proposed development layout includes the provision of 15,100 m^2 within the proposed Environmental Open Space area. As outlined in Section 6.3, this area is proposed to be rehabilitated in accordance with the Rehabilitation Concept Plan documentation (prepared by Saunders Havill Group) that accompanies this EAR. Once exempt clearing areas along boundaries are excluded (refer to **Plan 4**), the proposed rehabilitation within the Environmental Open Space area has the potential to facilitate the replanting of approximately 3,180 m2 of mapped Primary Vegetation Area. This is more than twice the area of Primary Vegetation Management Area proposed to be removed by the development, which currently contains extremely minimal native vegetation.

In addition, once exempt clearing areas along boundaries are excluded, the proposed rehabilitation within the Environmental Open Space area has the potential to facilitate the replanting of approximately 11,152 m^2 of mapped Secondary Vegetation Management Area, which is also currently very sparsely vegetated. This area of sparsely vegetated mapped Secondary Vegetation Management Area within the proposed Environmental Open Space area could accommodate rehabilitation plantings that would be sufficient to offset the removal of the 16 native habitat trees, and 413 native trees via planting of a minimum of 890 trees of species equivalent to those that have been removed. The remaining 18,928 m2 of dense vegetation within the Secondary Vegetation Management Area is proposed to be provided via a financial offset.

Therefore, given the capacity of the proposed Environmental Open Space area to accommodate some of the vegetation offsets required, the applicant would like to discuss the potential for a combined restoration offset and financial offset solution with LCC. Further detailed plans to illustrate the capacity of the proposed Environmental Open Space area to meet a portion of the offset requirements can be provided as part of the Information Request Stage if LCC indicate there is the ability to consider a combined restoration and financial offset solution.

4.00 LCC Offset



Notes:
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Legend

- Site DCDB
- Qld DCDB

LCC Vegetation Management Areas

- Primary vegetation management area
- Secondary vegetation management area

Layout Detail

- Proposed Lots
- Detention basin
- Environmental Open Space [1.51 ha]
- Road dedication area

LCC Exemptions

- Fire Control Lines Exemption
- Class 1 Dwelling
- Class 1 Dwelling 10m Exemption
- Class 10 Shed
- Class 10 Shed 5m Exemption

GPS Tree Plot

LCC native habitat tree to retain	[11]
LCC native tree to retain	[114]
LCC non-native tree to retain	[31]
Exempt LCC native habitat tree to remove	[1]
Exempt LCC native tree to remove	[57]
Exempt LCC non-native tree to remove	[241]
LCC native habitat tree to remove	[16]
LCC native tree to remove	[413]

- Dense Secondary Vegetation Management Area to be removed [18,928m^2]
- Primary Vegetation Management Area to be removed [1,154m^2]

Issue	Date	Description	Drawn	Checked
B	9/08/2023	Layout Update	TF	KT

0 10 20 30 40 50 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:1,800 @ A3

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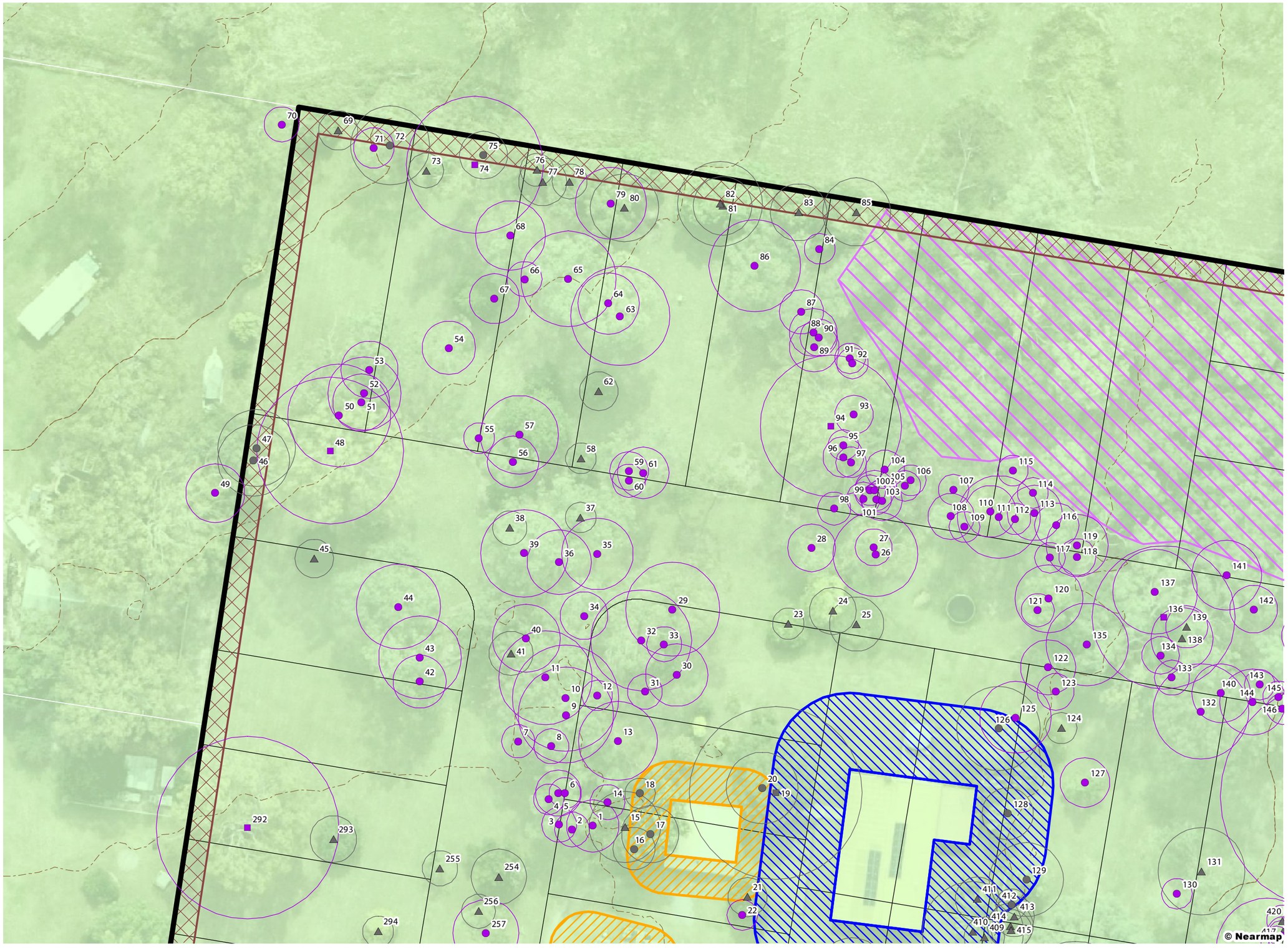
Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

9/08/2023 | 11382 E 04_0 LCC Offset B

4.01 LCC Offset



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Layout Detail

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- Road dedication area

LCC Vegetation Management Areas

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- Secondary vegetation management area

LCC Exemptions

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GPS Tree Plot (w/ TPZ)

LCC native habitat tree to retain	[11]
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Exempt LCC non-native tree to remove	[241]
LCC native habitat tree to remove	[16]
LCC native tree to remove	[413]

- Dense Secondary Vegetation Management Area to be removed [18,928m²]
- Primary Vegetation Management Area to be removed [1,154m²]

Issue	Date	Description	Drawn	Checked
B	9/08/2023	Updated layout	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @ A3

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Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

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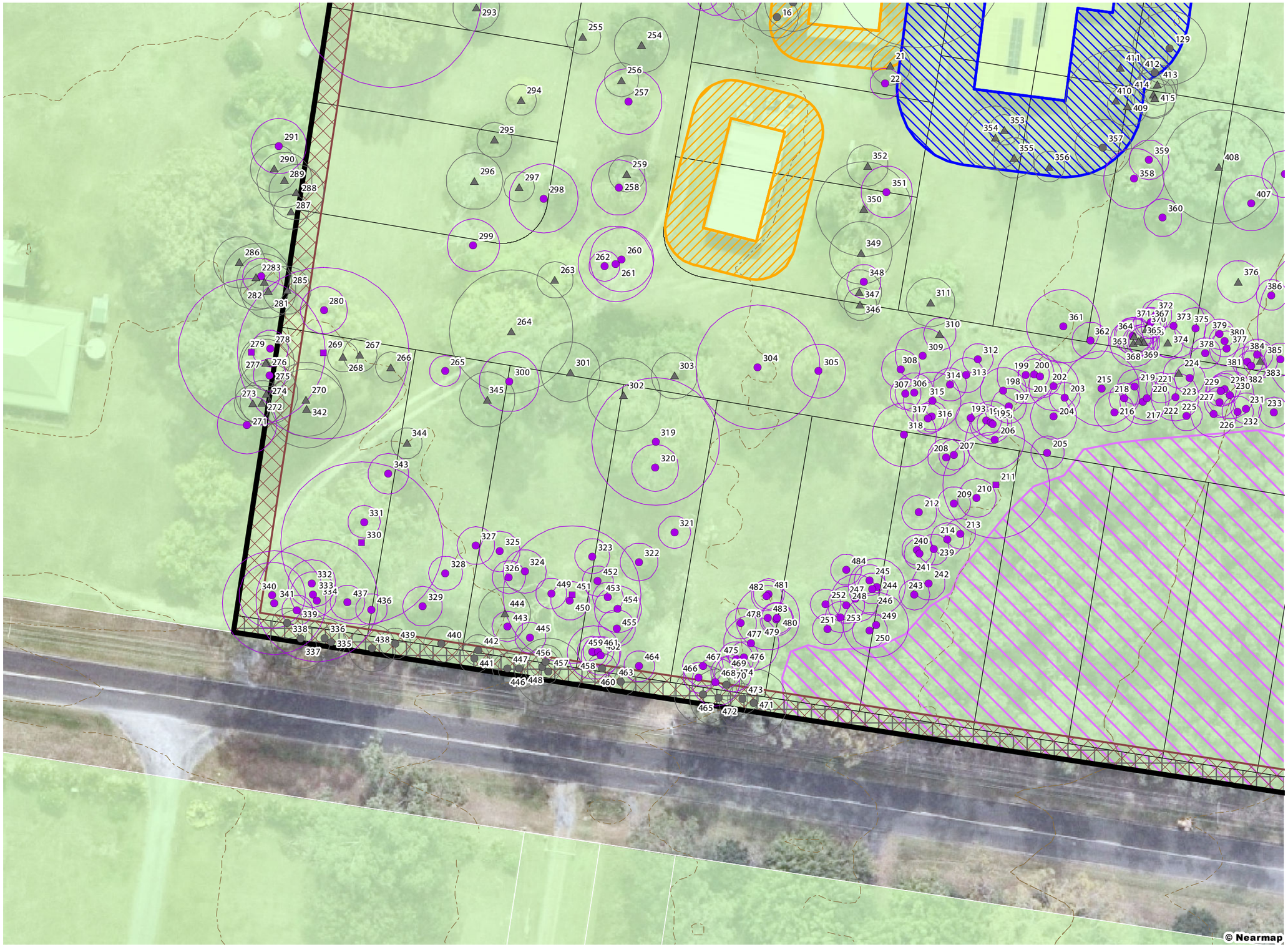
4.02 LCC Offset



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Layout Detail

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LCC Vegetation Management Areas

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LCC Exemptions

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GPS Tree Plot (w/ TPZ)

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- Exempt LCC non-native tree to remove [241]
- LCC native habitat tree to remove [16]
- LCC native tree to remove [413]
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Issue	Date	Description	Drawn	Checked
B	9/08/2023	Updated layout	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @ A3

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Talinga Drive, Park Ridge

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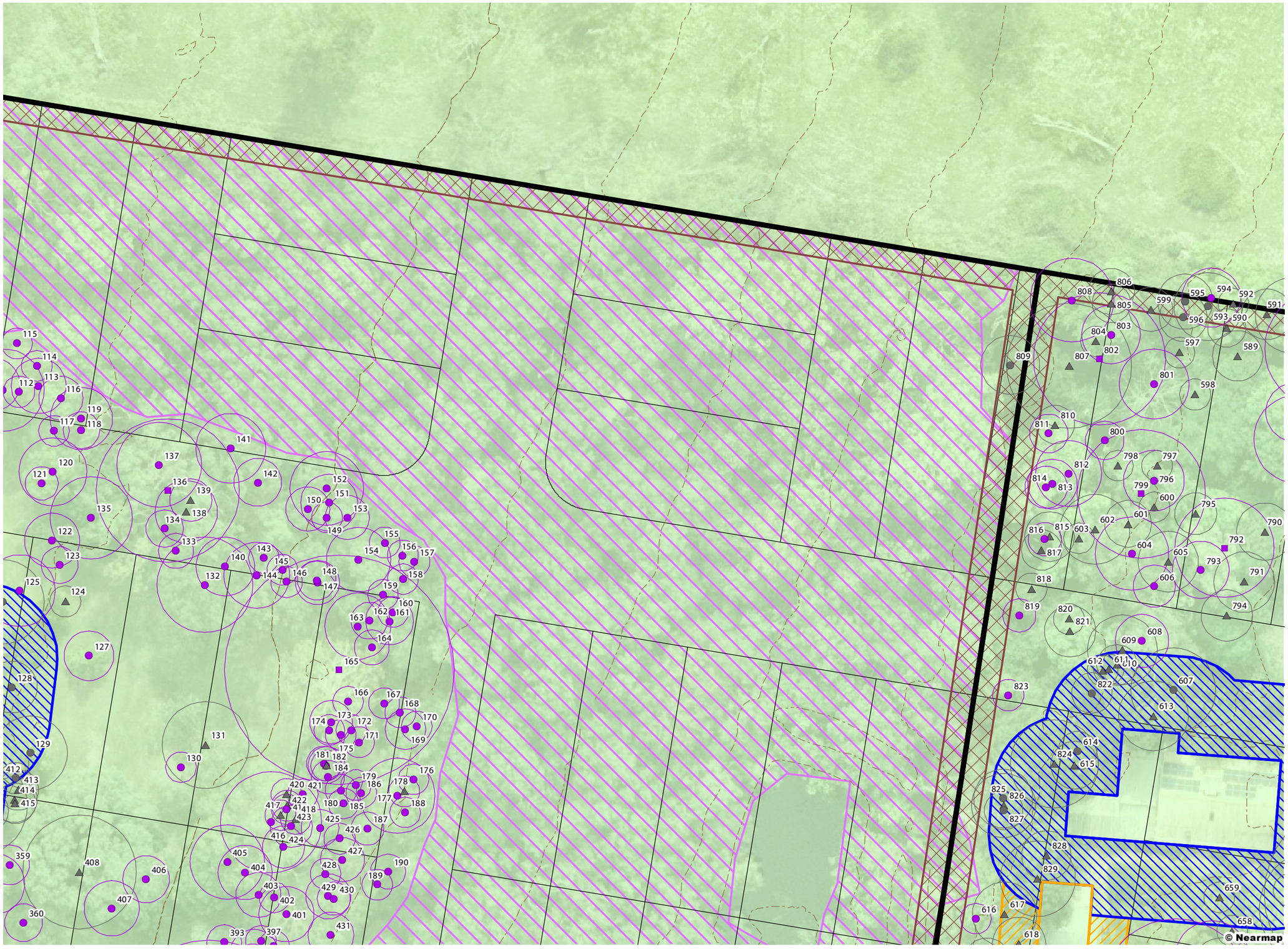
4.03 LCC Offset



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Exempt LCC non-native tree to remove	[241]
LCC native habitat tree to remove	[16]
LCC native tree to remove	[413]

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Issue	Date	Description	Drawn	Checked
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0 5 10 15 20 m

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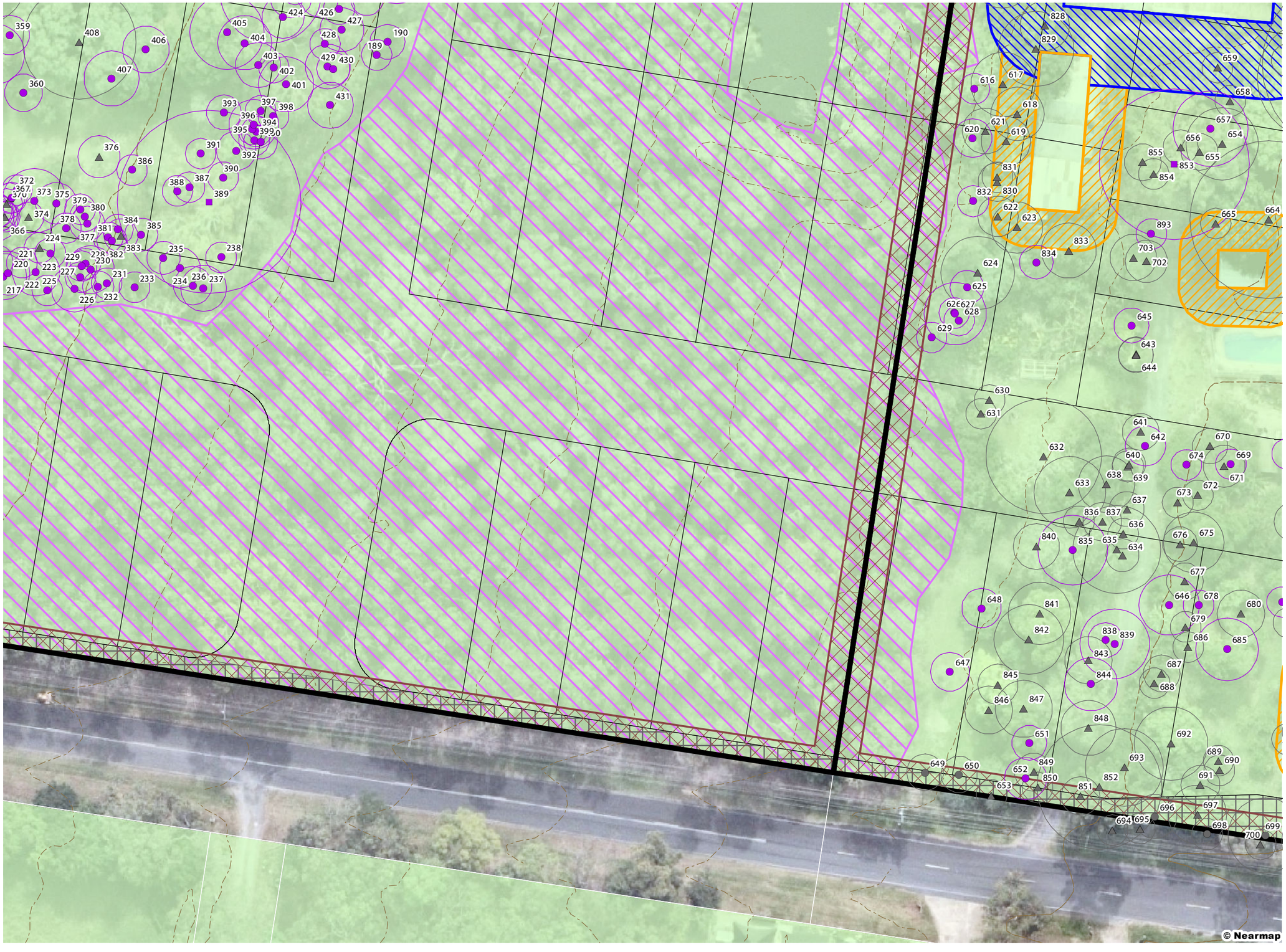
4.04 LCC Offset



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Layout Detail

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LCC native habitat tree to remove	[16]
LCC native tree to remove	[413]

- Dense Secondary Vegetation Management Area to be removed [18,928m²]
- Primary Vegetation Management Area to be removed [1,154m²]

Issue	Date	Description	Drawn	Checked
B	9/08/2023	Updated layout	TF	KT

0 5 10 15 20 m

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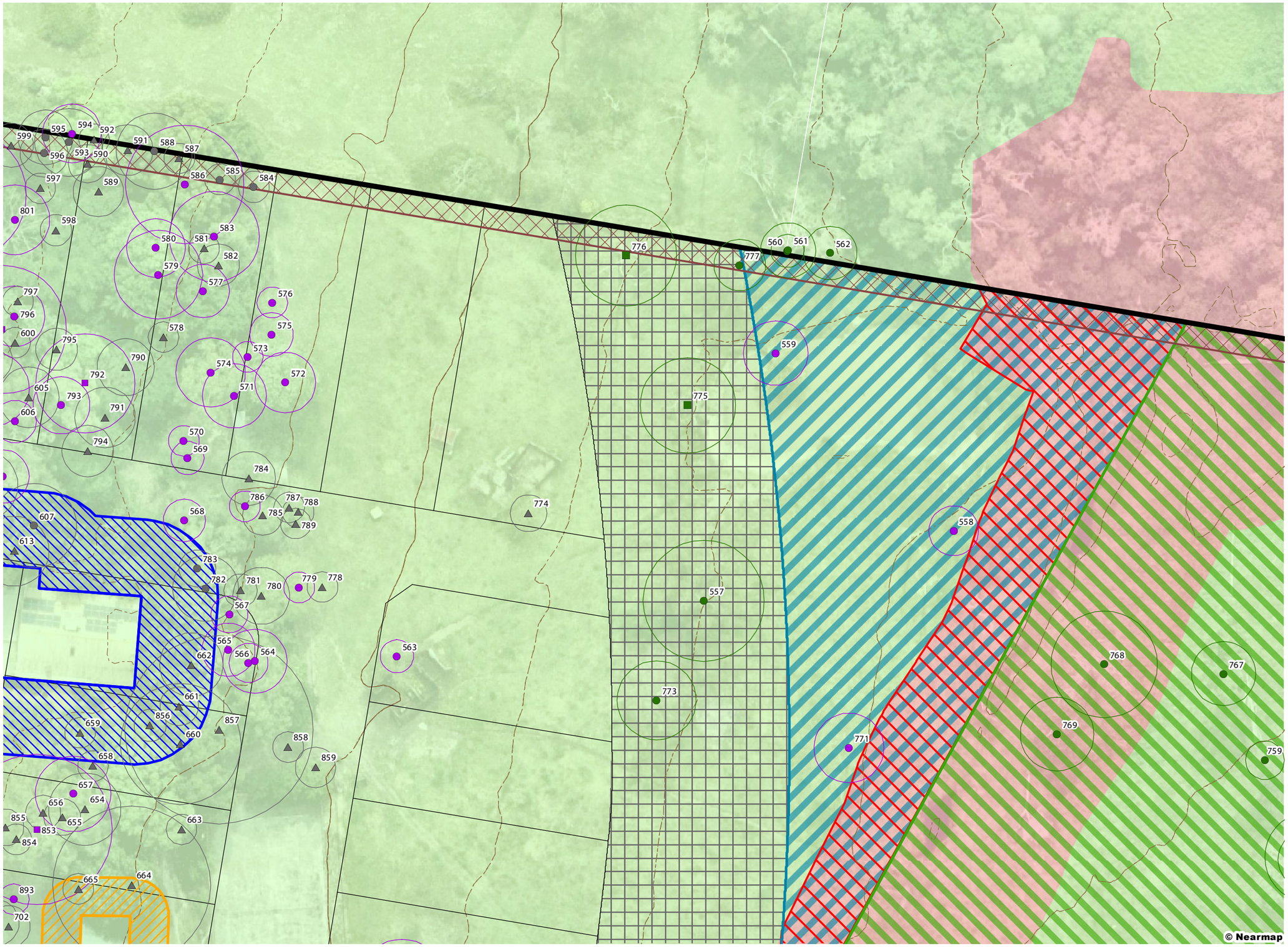
Talinga Drive, Park Ridge

4.05 LCC Offset



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Layout Detail

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- Environmental Open Space [1.51 ha]
- Road dedication area

LCC Vegetation Management Areas

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- Secondary vegetation management area

LCC Exemptions

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- Class 10 Shed
- Class 10 Shed 5m Exemption

GPS Tree Plot (w/ TPZ)

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Exempt LCC non-native tree to remove	[241]
LCC native habitat tree to remove	[16]
LCC native tree to remove	[413]

- Dense Secondary Vegetation Management Area to be removed [18,928m²]
- Primary Vegetation Management Area to be removed [1,154m²]

Issue	Date	Description	Drawn	Checked
B	9/08/2023	Updated layout	TF	KT

0 5 10 15 20 m

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Address / RPD: Lots 3 & 4/RP131003

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4.06 LCC Offset

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Legend

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Layout Detail

- Proposed Lots
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- Detention basin
- Environmental Open Space [1.51 ha]
- Road dedication area

LCC Vegetation Management Areas

- Primary vegetation management area
- Secondary vegetation management area

LCC Exemptions

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GPS Tree Plot (w/ TPZ)

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Exempt LCC native tree to remove	[57]
Exempt LCC non-native tree to remove	[241]
LCC native habitat tree to remove	[16]
LCC native tree to remove	[413]

- Dense Secondary Vegetation Management Area to be removed [18,928m^2]
- Primary Vegetation Management Area to be removed [1,154m^2]

Issue	Date	Description	Drawn	Checked
B	9/08/2023	Updated layout	TF	KT

0 5 10 15 20 m

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Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

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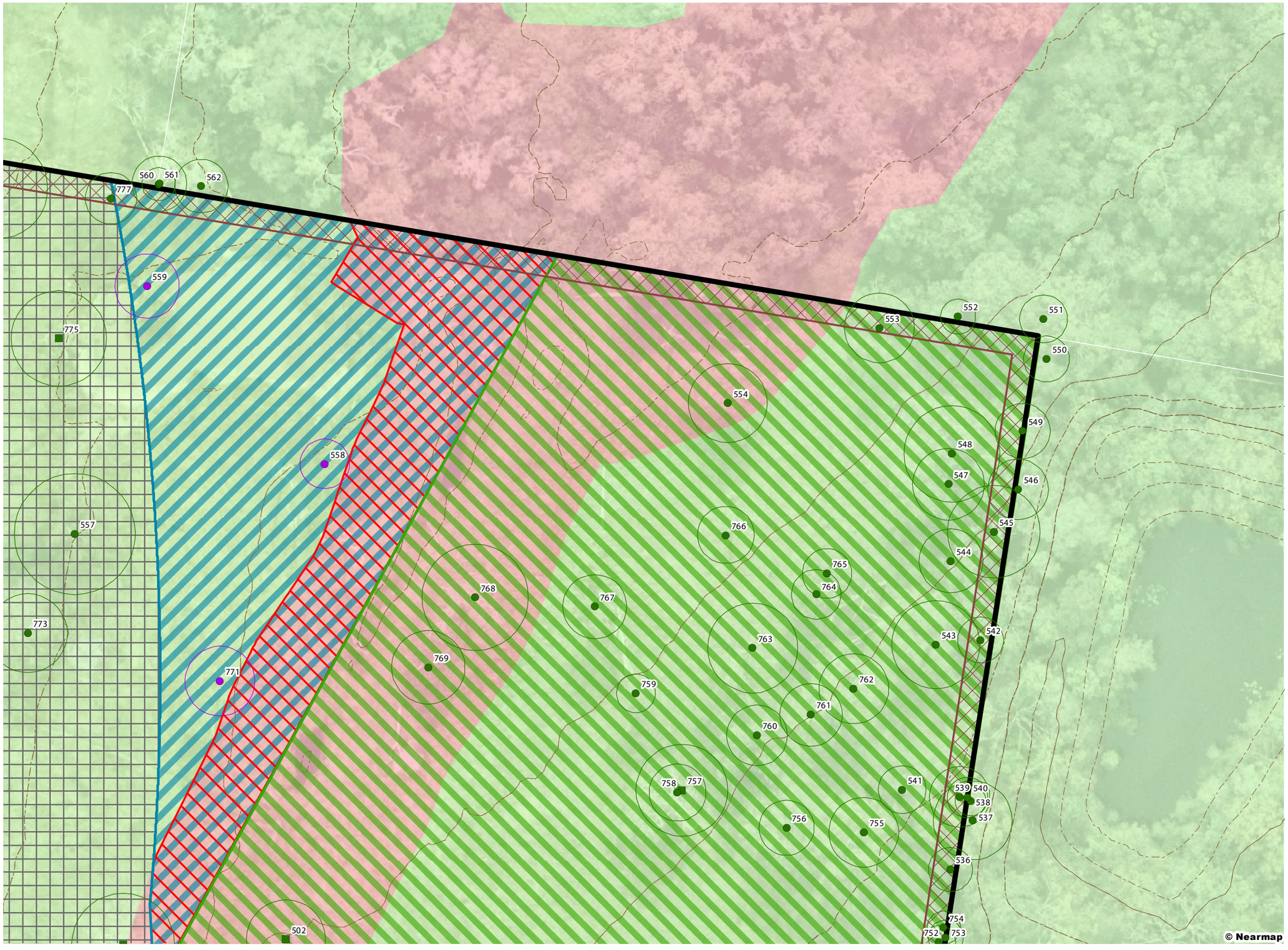
4.07 LCC Offset



Notes:
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layer Sources
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Updated data available at
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* This note is an integral part of this plan/data. Reproduction of this plan or any part of it without this note being included in full will render the information shown on such reproduction invalid and not suitable for use.

Legend

- Site DCDB
- Qld DCDB

Layout Detail

- Proposed Lots
- Existing Contours
- Detention basin
- Environmental Open Space [1.51 ha]
- Road dedication area

LCC Vegetation Management Areas

- Primary vegetation management area
- Secondary vegetation management area

LCC Exemptions

- Fire Control Lines Exemption
- Class 1 Dwelling
- Class 1 Dwelling 10m Exemption
- Class 10 Shed
- Class 10 Shed 5m Exemption

GPS Tree Plot (w/ TPZ)

LCC native habitat tree to retain	[11]
LCC native tree to retain	[114]
LCC non-native tree to retain	[31]
Exempt LCC native habitat tree to remove	[1]
Exempt LCC native tree to remove	[57]
Exempt LCC non-native tree to remove	[241]
LCC native habitat tree to remove	[16]
LCC native tree to remove	[413]

- Dense Secondary Vegetation Management Area to be removed [18,928m^2]
- Primary Vegetation Management Area to be removed [1,154m^2]

Issue	Date	Description	Drawn	Checked
B	9/08/2023	Updated layout	TF	KT

0 5 10 15 20 m

Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @ A3

saunders havill group

Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

9/08/2023 | 11382 E 04_1 LCC Offset B

4.08 LCC Offset

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B	9/08/2023	Updated layout	TF	KT

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Transverse Mercator | GDA 2020 | Zone 56 | 1:500 @ A3

saunders havill group

Quantum Investment Pty Ltd

Talinga Drive, Park Ridge

Address / RPD: Lots 3 & 4/RP131003

9/08/2023 | 11382 E 04_1 LCC Offset B

7. Conclusion

This EAR was prepared on behalf of Quantum Investment Pty Ltd who propose to develop residential dwellings with associated internal roads, drainage and stormwater infrastructure, and environmental corridor. This EAR provides a review of the ecological values across the site in accordance with Commonwealth, State and Local Government legislation.

Overall, the following conclusions can be made:

- The site has been historically cleared for historical rural residential uses in parts, and therefore contains a mosaic of cleared and open areas with scattered mature trees, an area of dense regrowth native vegetation, and areas of planted ornamental and exotic vegetation around the existing dwellings.
- No threatened flora or fauna species under the EPBC Act or NC Act were recorded on site during field assessments.
- A total of 195 species of flora were detected on-site during surveys, inclusive of 75 native species 120 introduced/weed species. Of these invasive species, six (6) are listed as restricted invasive plants under the *Biosecurity Act 2014* and will require specific levels of management.
- The site does contain some larger mature trees with hollows, but the remaining patches of dense vegetation are primarily of regrowth age.
- A total of forty-seven (37) fauna species were recorded consisting of thirty-two (32) avian species, one (1) amphibian species, three (3) mammal species, and one (1) reptile species. All species observed are common to the local area and typically found in urbanised environments.
- The site was found to contain a patch of suitable habitat for Koala, and some suitable foraging habitat for Grey-headed Flying Fox, although neither direct or indirect evidence of either species was recorded on site during surveys.
- The mapped LCC Minor Waterway area onsite consists of a drainage flow path that has been highly modified, and is significantly impacted by weed species. The development proposes some earthworks within the mapped Minor Waterway to allow the construction of a detention basin. Rehabilitation planting will be undertaken in all areas modified by earthworks in the Environmental Corridor and Detention / Drainage areas to ensure the ecological and waterway function of these areas is maintained and protected following construction.
- The site contains two constructed dams. These dams are predominantly highly modified but do contain some native vegetation. These dams would provide some limited aquatic habitat for common fauna species.
- The proposed development will result in the removal of native trees, native habitat trees, areas of dense Secondary Vegetation Management Area, and areas of Primary Vegetation Management Area within the LCC Planning Scheme 2015 Biodiversity Area Overlay.
- A combined restoration offset and financial offset is proposed to compensate for the removal of Native Habitat Trees, Native Trees, dense Secondary Vegetation Management Area and Primary Vegetation Management Area to ensure a net gain of native vegetation.

Appendices

Appendix A

Development Proposal Plans

Appendix B

EPBC Act 1999

PMST search results

Appendix C

Nature Conservation Act 1992

Wildlife online search results

Appendix D

Environmental Searches

Appendix E

LCC Code Responses

Appendix F

Tree Schedule

Appendix G

SAT Survey Results

Appendix A

Development Proposal Plans

CONCEPT PLAN

NEW ROAD 15.5mWIDE
NEW ROAD 15.5m WIDE
NEW ROAD 15.5m WIDE
NEW ROAD 15.5m WIDE
NEW ROAD 15.5m WIDE
FUTURE ROAD 23.0m WIDE
TALINGA DRIVE
Stage 1
Stage 2
Stage 3
Stage 4
800 2640m²
900 15067m²
801 2384m²
1 RP144541
4 RP210935
2 RP210935
1 SP210423
1 RP226564
2 RP226564
38 SP179449
35 SP179449
37 SP179449
36 SP179449
34 RP221678
33 RP221678
31 RP221678
32 RP221678
22 RP221677
21 RP221677

NOT TO BE USED FOR ENGINEERING DESIGN OR CONSTRUCTION

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.

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.

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PROJECTION - GDA2020 MGA56
SUBJECT BOUNDARIES PLOTTED FROM RECORDS

LEGEND

- Site Boundary
- Major Contour (1.0m interval)
- Stage no.
- Staging Boundary
- Binpads
- Waterways
- Core Koala Habitat Area
- Flood Hazard Trigger
- Biodiversity Corridor
- MSES
- 100 Bushfire Buffer

DEVELOPMENT STATISTICS			
RESIDENTIAL ALLOTMENTS	**No. Lots**	**%**	**Net Area**
12.5 - <13m Frontage	56	62.9%	2.472 ha
13 - <15m Frontage	9	10.1%	0.396 ha
>15m Frontage	24	27.0%	1.309 ha
Total Residential Allotments	**89**	**100.0%**	**4.177 ha**
Land Budget	**Area (Ha)**	**%**	
Area of Subject Site / Stage	8.175 ha	—	
Net Residential Area (no roads)	4.177 ha	51.1%	
Detention / Drainage	0.522 ha	6.4%	
Environmental Open Space	1.507 ha	18.4%	
Pedestrian Link / Green Link	0.690 ha	8.4%	
Road Dedication / Widening	0.599 ha	7.3%	
Road Areas	0.680 ha	8.3%	
Total	**8.175 ha**	**100.0%**	

RP DESCRIPTION: Lot 3 & 4 on RP131003

SCALE @A1 1:1000 @A3 1:2000 - LENGTHS ARE IN METRES

10 0 10 20 30 40 50 60 70 80 90 100 110 120

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QUANTUM INVESTMENT PTY LTD

62 & 86 TALINGA DR, PARK RIDGE • 02/08/2023 • 11382 P 03 Rev D - CON 02

Appendix B

EPBC Act 1999

PMST search results

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected. Please see the caveat for interpretation of information provided here.

Report created: 24-Apr-2023

Summary
Details
- Matters of NES
- Other Matters Protected by the EPBC Act
- Extra Information

Caveat
Acknowledgements

Summary

Matters of National Environment Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the Administrative Guidelines on Significance.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	7
Listed Threatened Species:	49
Listed Migratory Species:	17

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at https://www.dcceew.gov.au/parks-heritage/heritage

A permit may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Lands:	4
Commonwealth Heritage Places:	1
Listed Marine Species:	22
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have

State and Territory Reserves:	1
Regional Forest Agreements:	None
Nationally Important Wetlands:	1
EPBC Act Referrals:	15
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	1
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands) [Resource Information]

Ramsar Site Name	Proximity	Buffer Status
Moreton bay	10 - 20km upstream from Ramsar site	In feature area

Listed Threatened Ecological Communities [Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.
Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text	Buffer Status
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	Community may occur within area	In feature area
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Community likely to occur within area	In feature area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occur within area	In feature area
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community may occur within area	In feature area
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	Community likely to occur within area	In feature area
Swamp Tea-tree (Melaleuca irbyana) Forest of South-east Queensland	Critically Endangered	Community may occur within area	In buffer area only
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occur within area	In feature area

Listed Threatened Species [Resource Information]

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.
Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			

Scientific Name	Threatened Category	Presence Text	Buffer Status
Anthochaera phrygia Regent Honeyeater [82338]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calyptorhynchus lathami lathami South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In feature area
Climacteris picumnus victoriae Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat may occur within area	In feature area
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]	Critically Endangered	Species or species habitat may occur within area	In feature area
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Geophaps scripta scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat may occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Hirundapus caudacutus](#)			
White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Lathamus discolor](#)			
Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
[Numenius madagascariensis](#)			
Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Rostratula australis](#)			
Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area	In feature area
[Stagonopleura guttata](#)			
Diamond Firetail [59398]	Vulnerable	Species or species habitat may occur within area	In feature area
[Turnix melanogaster](#)			
Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area	In feature area
FISH			
[Maccullochella mariensis](#)			
Mary River Cod [83806]	Endangered	Translocated population known to occur within area	In buffer area only
FROG			
[Mixophyes fleayi](#)			
Fleay's Frog [25960]	Endangered	Species or species habitat may occur within area	In buffer area only
INSECT			
[Argynnis hyperbius inconstans](#)			
Australian Fritillary [88056]	Critically Endangered	Species or species habitat may occur within area	In feature area
MAMMAL			
[Chalinolobus dwyeri](#)			
Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Dasyurus maculatus maculatus (SE mainland population)](#)			
Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat known to occur within area	In feature area
[Macroderma gigas](#)			
Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area	In feature area
[Petauroides volans](#)			
Greater Glider (southern and central) [254]	Endangered	Species or species habitat known to occur within area	In feature area
[Petaurus australis australis](#)			
Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)](#)			
Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
[Potorous tridactylus tridactylus](#)			
Long-nosed Potoroo (northern) [66645]	Vulnerable	Species or species habitat may occur within area	In feature area
[Pseudomys novaehollandiae](#)			
New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Pteropus poliocephalus](#)			
Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area
PLANT			
[Arthraxon hispidus](#)			
Hairy-joint Grass [9338]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Bosistoa transversa](#)			
Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat may occur within area	In buffer area only
[Cryptostylis hunteriana](#)			
Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Cupaniopsis shirleyana Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Dichanthium setosum bluegrass [14159]	Vulnerable	Species or species habitat may occur within area	In feature area
Fontainea venosa [24040]	Vulnerable	Species or species habitat may occur within area	In feature area
Macadamia integrifolia Macadamia Nut, Queensland Nut Tree, Smooth-shelled Macadamia, Bush Nut, Nut Oak [7326]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Macadamia tetraphylla Rough-shelled Bush Nut, Macadamia Nut, Rough-shelled Macadamia, Rough-leaved Queensland Nut [6581]	Vulnerable	Species or species habitat may occur within area	In feature area
Notelaea ipsviciensis Cooneana Olive [81858]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
Picris evae Hawkweed [10839]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Planchonella eerwah Shiny-leaved Condoo, Black Plum, Wild Apple [17340]	Endangered	Species or species habitat may occur within area	In feature area
Plectranthus habrophyllus [64589]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Samadera bidwillii](#)			
Quassia [29708]	Vulnerable	Species or species habitat likely to occur within area	In feature area
[Thesium australe](#)			
Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat likely to occur within area	In feature area
REPTILE			
[Coeranoscincus reticulatus](#)			
Three-toed Snake-tooth Skink [59628]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
[Delma torquata](#)			
Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
[Furina dunmalli](#)			
Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area	In feature area
[Hemiaspis damelii](#)			
Grey Snake [1179]	Endangered	Species or species habitat likely to occur within area	In feature area

Listed Migratory Species			[Resource Information]
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
[Apus pacificus](#)			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
[Cuculus optatus](#)			
Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In feature area
[Hirundapus caudacutus](#)			
White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
[Monarcha melanopsis](#)			
Black-faced Monarch [609]		Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Motacilla flava](#) Yellow Wagtail [644]		Species or species habitat may occur within area	In feature area
[Myiagra cyanoleuca](#) Satin Flycatcher [612]		Species or species habitat known to occur within area	In feature area
[Rhipidura rufifrons](#) Rufous Fantail [592]		Species or species habitat known to occur within area	In feature area
[Symposiachrus trivirgatus as Monarcha trivirgatus](#) Spectacled Monarch [83946]		Species or species habitat likely to occur within area	In feature area
Migratory Wetlands Species			
[Actitis hypoleucos](#) Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
[Calidris acuminata](#) Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area	In feature area
[Calidris ferruginea](#) Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
[Calidris melanotos](#) Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
[Charadrius leschenaultii](#) Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In feature area
[Gallinago hardwickii](#) Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area	In feature area
[Numenius madagascariensis](#) Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
[Pandion haliaetus](#)			
Osprey [952]		Species or species habitat known to occur within area	In buffer area only
[Tringa nebularia](#)			
Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Commonwealth Lands [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Defence		
Defence - GREENBANK TRAINING AREA [31010]	QLD	In buffer area only
Defence - GREENBANK TRAINING AREA [31009]	QLD	In buffer area only
Defence - GREENBANK TRAINING AREA [31014]	QLD	In buffer area only
Defence - GREENBANK TRAINING AREA [31012]	QLD	In buffer area only

Commonwealth Heritage Places [Resource Information]

Name	State	Status	Buffer Status
Natural			
Greenbank Military Training Area (part)	QLD	Listed place	In buffer area only

Listed Marine Species [Resource Information]

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
[Actitis hypoleucos](#)			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
[Anseranas semipalmata](#)			
Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area
[Apus pacificus](#)			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area	In buffer area only
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat likely to occur within area overfly marine area	In feature area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In feature area

Extra Information

State and Territory Reserves [Resource Information]

Protected Area Name	Reserve Type	State	Buffer Status
Berrinba Wetlands	Nature Refuge	QLD	In buffer area only

Nationally Important Wetlands [Resource Information]

Wetland Name	State	Buffer Status
Greenbank Army Training Area C	QLD	In buffer area only

EPBC Act Referrals [Resource Information]

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Kagaru to Acacia Ridge and Bromelton Inland Rail Project	2021/8927		Completed	In buffer area only
Land clearing for proposed industrial development	2022/09427		Completed	In buffer area only
Controlled action				
Cedar Grove Connector Pipeline	2011/6013	Controlled Action	Completed	In buffer area only
Defence Training Facilities at the Greenbank Training Area	2011/5896	Controlled Action	Post-Approval	In buffer area only
Industrial Development in the Greater Flagstone Urban Development Area 4499-4651 Mount Lindesay Hwy,	2013/6941	Controlled Action	Post-Approval	In buffer area only
Mirvac Greater Flagstone Project - Master Planned Development, Greenbank, Qld	2016/7817	Controlled Action	Post-Approval	In buffer area only
Park Ridge residential, mixed use and medium impact industry precinct, Park Ridge, Queensland	2017/8090	Controlled Action	Post-Approval	In buffer area only
Rosia Park Multisport Precinct	2021/9082	Controlled Action	Further Information Request	In feature area
Not controlled action				
GCCC Northern Wastewater Strategy and associated Reclaimed Water Scheme - Stage	2001/282	Not Controlled Action	Completed	In buffer area only
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
Logan Enhancement Project, Qld	2016/7683	Not Controlled Action	Completed	In buffer area only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Residential Development including Drainage Swale as Stormwater Infrastructure	2009/4910	Not Controlled Action	Completed	In buffer area only
Residential subdivision Lots 15 & 16 and associated access roads	2011/5804	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manner)				
Construction & Operation 275/330kV Transmission Line	2006/2820	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
Referral decision				
Rosia Park Multisport Precinct	2021/9016	Referral Decision	Completed	In feature area

Bioregional Assessments			
SubRegion	BioRegion	Website	Buffer Status
Clarence-Moreton	Clarence-Moreton	BA website	In feature area

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data are available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species

Threatened, migratory and marine species distributions have been discerned through a variety of methods. Where distributions are well known and if time permits, distributions are inferred from either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc.) together with point locations and described habitat; or modelled (MAXENT or BIOCLIM habitat modelling) using

Where little information is available for a species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc.).

In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More detailed distribution mapping methods are used to update these distributions

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

The following groups have been mapped, but may not cover the complete distribution of the species:

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded
- seals which have only been mapped for breeding sites near the Australian continent

The breeding sites may be important for the protection of the Commonwealth Marine environment.

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

-Office of Environment and Heritage, New South Wales
-Department of Environment and Primary Industries, Victoria
-Department of Primary Industries, Parks, Water and Environment, Tasmania
-Department of Environment, Water and Natural Resources, South Australia
-Department of Land and Resource Management, Northern Territory
-Department of Environmental and Heritage Protection, Queensland
-Department of Parks and Wildlife, Western Australia
-Environment and Planning Directorate, ACT
-Birdlife Australia
-Australian Bird and Bat Banding Scheme
-Australian National Wildlife Collection
-Natural history museums of Australia
-Museum Victoria
-Australian Museum
-South Australian Museum
-Queensland Museum
-Online Zoological Collections of Australian Museums
-Queensland Herbarium
-National Herbarium of NSW
-Royal Botanic Gardens and National Herbarium of Victoria
-Tasmanian Herbarium
-State Herbarium of South Australia
-Northern Territory Herbarium
-Western Australian Herbarium
-Australian National Herbarium, Canberra
-University of New England
-Ocean Biogeographic Information System
-Australian Government, Department of Defence
Forestry Corporation, NSW
-Geoscience Australia
-CSIRO
-Australian Tropical Herbarium, Cairns
-eBird Australia
-Australian Government – Australian Antarctic Data Centre
-Museum and Art Gallery of the Northern Territory
-Australian Government National Environmental Science Program
-Australian Institute of Marine Science
-Reef Life Survey Australia
-American Museum of Natural History
-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania
-Tasmanian Museum and Art Gallery, Hobart, Tasmania
-Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the Contact us page.

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Appendix C

Nature Conservation Act 1992

Wildlife online search results

Queensland Government

WildNet species list

Search Criteria: Species List for a Specified Point
Species: All
Type: Native
Queensland status: Rare and threatened species
Records: Confirmed
Date: Since 1980
Latitude: -27.7063
Longitude: 153.0470
Distance: 5
Email: chelseamailer@saundershavill.com
Date submitted: Monday 24 Apr 2023 14:36:07
Date extracted: Monday 24 Apr 2023 14:40:03

The number of records retrieved = 7

Disclaimer
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Information about your Species lists request is logged for quality assurance, user support and product enhancement purposes only.
The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage (https://www.qld.gov.au/environment/plants-animals/species-information/wildnet) to find out more about WildNet and where to access other WildNet information products approved for publication. Feedback about WildNet species lists should be emailed to wildlife.online@des.qld.gov.au.

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Apodidae	*Hirundapus caudacutus*	white-throated needletail		V	V	1
animals	birds	Strigidae	*Ninox strenua*	powerful owl		V		5
animals	mammals	Dasyuridae	*Dasyurus maculatus maculatus*	spotted-tailed quoll (southern subspecies)		E	E	1
animals	mammals	Petauridae	*Petaurus australis australis*	yellow-bellied glider (southern subspecies)		V	V	1
animals	mammals	Phascolarctidae	*Phascolarctos cinereus*	koala		E	E	184
animals	mammals	Pseudocheiridae	*Petauroides armillatus*	central greater glider		E	E	5
plants	land plants	Proteaceae	*Macadamia integrifolia*	macadamia nut		V	V	1

CODES

I - Y indicates that the taxon is introduced to Queensland and has naturalised.

Q - Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992.*
The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).

A - Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999.*
The values of EPBC are Extinct (EX), Extinct in the Wild (XW), Critically Endangered (CE), Endangered (E), Vulnerable (V) and Conservation Dependent (CD).

Records - The first number indicates the total number of records of the taxon (wildlife records and species listings for selected areas).
This number is output as 99999 if it equals or exceeds this value. A second number located after a / indicates the number of specimen records for the taxon.
This number is output as 999 if it equals or exceeds this value.

Appendix D

Environmental Searches

saunders havill group

Environmental searches

62 – 84 Talinga Drive, Park Ridge,
Queensland 4125
Quantum Investment Pty Ltd
26 April 2023

11382

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Property attributes			**26 April 2023**
Address	62 – 84 Talinga Drive, Park Ridge, Queensland 4125		
Lot/plan(s)	Lot 3 on RP131003	Lot 4 on RP131003	
Area (ha)	4.09 ha	4.09 ha	Total: 8.18 ha
Local government area	Logan City Council		

1. Federal Matters of National Environmental Significance

A Protected Matters Report was generated from the environment.gov.au website and returned the following results. These matters may occur within a 5 km radius of the site and are protected under the *Environment Protection and Biodiversity Conservation Act 1999*.

World Heritage Properties:	None	
National Heritage Places:	None	
Wetlands of International Importance:	1	
Great Barrier Reef Marine Park:	None	
Commonwealth Marine Area:	None	
Listed Threatened Ecological Communities:	7	
Community	***Status***	***RE Mapped***
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	No
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Yes – 12.3.5
Lowland Rainforest of Subtropical Australia	Critically Endangered	No
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	No
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	No

Swamp Tea-tree (Melaleuca irbyana) Forest of South-east Queensland	Critically Endangered	No
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	No
Listed Threatened Species:	49	
Listed Migratory Species:	17	

2. State Matters

2.1 Nature Conservation Act 1992 and subordinate legislation

Protected Plants Flora Survey Trigger Map	Wholly outside high risk area

2.2 Vegetation Management Act 1999 and subordinate legislation

Regulated Vegetation Management Map and Vegetation Management Supporting Map

Regional Ecosystem	VMA status	Category	Area (ha)
12.3.5	Least concern	B	0.02
12.5.3	Endangered	C	0.12
12.9-10.12	Endangered	C	0.57
12.9-10.17	Least Concern	C	0.23
12.9-10.4	Least concern	B	0.04
12.9-10.4	Least Concern	C	1.34
Non-remnant	None	X	5.90
Essential Habitat		*Ninox strenua* (Powerful Owl) *Phascolarctos cinereus* (Koala) *Crinia tinnula* (Wallum Froglet)	
Wetland/s		Present	
Bioregion		Coastal bioregions and sub-regions	

2.3 Koala priority area and koala habitat areas

Koala Priority Area (KPA)	Not within KPA
Koala Habitat Area	Koala Habitat Area (core)

2.4 State Planning Policy Interactive Mapping System (selected environmental matters)

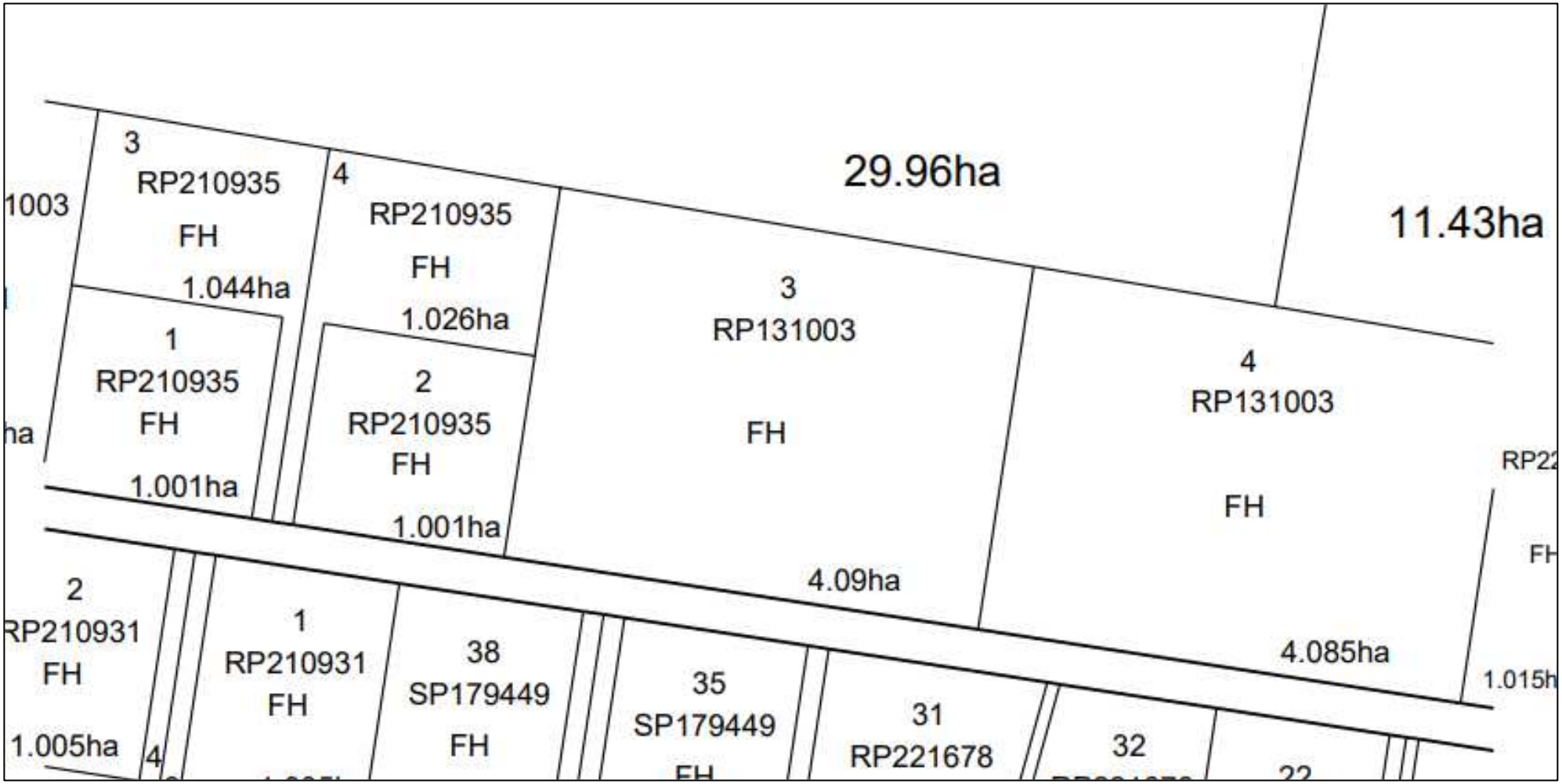
SPP — Biodiversity	MSES - Wildlife habitat (endangered or vulnerable) MSES - Wildlife habitat (special least concern animal) MSES – Wildlife habitat (koala habitat areas – core) MSES – Regulated vegetation (wetland)

	MSES – Regulated vegetation (intersecting a watercourse) MSES - Regulated vegetation (category C) MSES - Regulated vegetation (essential habitat)
SPP — Coastal Environment	Not within coastal management district
SPP — Water Quality	Does not apply
SPP — Natural Hazards Risk and Resilience	Flood hazard area - Local Government flood mapping area Bushfire prone area Medium Potential Bushfire Intensity Potential Impact Buffer
2.5 Development Assessment Mapping System	
DAMS — Coastal Protection	Does not apply
DAMS — Fish Habitat Areas	Queensland waterways for waterway barrier works - 1 - Low

3. Local matters — Logan City Council	
Zoning	Emerging community
Precinct	Park Ridge
Neighbourhood Plan	Does not apply
Overlay — Acid sulphate soils	Does not apply
Overlay — Biodiversity Areas Trigger	Biodiversity Area
Overlay — Vegetation Management Areas	Primary vegetation management area Secondary vegetation management area
Overlay — Biodiversity Corridors	Biodiversity corridor
Overlay — Locally Significant Vegetation	Does not apply
Overlay — Matters of State and Local Significance	Matters of State and Local environmental significance lines Matters of State and Local environmental significance polygons
Overlay — Ecological Significance	>0 and <=12 >12 and <=22 >22 and <=32 >32 and <=62

Overlay — Bushfire Hazard	Medium Potential Potential Impact Buffer
Overlay — Landslide Hazard	Steep slope area
Overlay — Flood Hazard	Flood hazard trigger
Overlay — Heritage	Does not apply
Overlay — Waterway Corridors and Wetlands Trigger	Waterway corridor trigger Minor waterway

Map 1 — Lot/plan(s)



Source: SmartMap QLD Globe, Department of Natural Resources, Mines and Energy (captured: 24/04/2023)

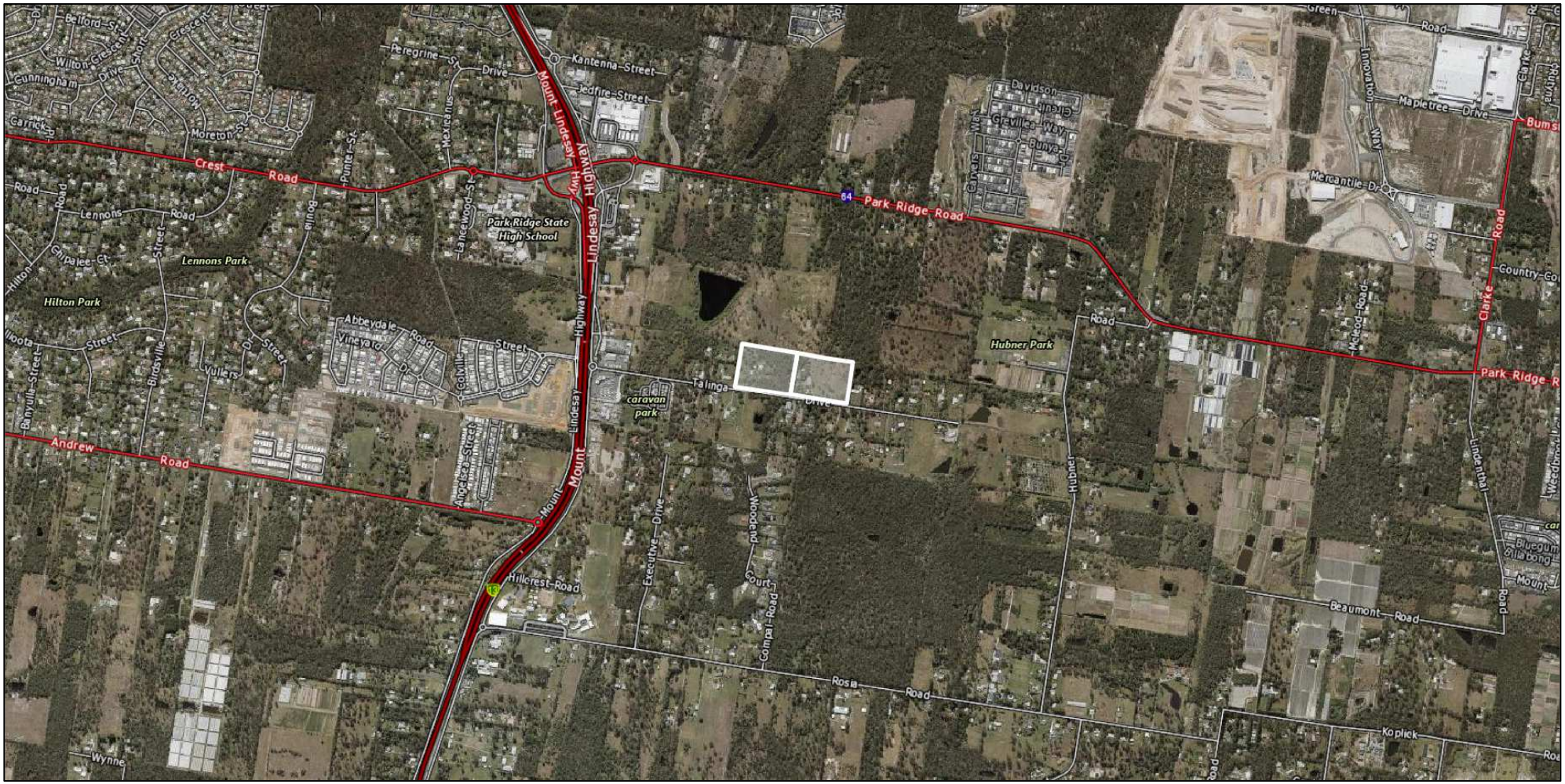
Map 2 — Aerial image (current)

Source: Qld Globe 2022 (captured: 24/04/2023)

Map 3 — Aerial image (historical)

Source: Qld Globe 2022 (captured: 01/01/1962)

Map 4 — Locality



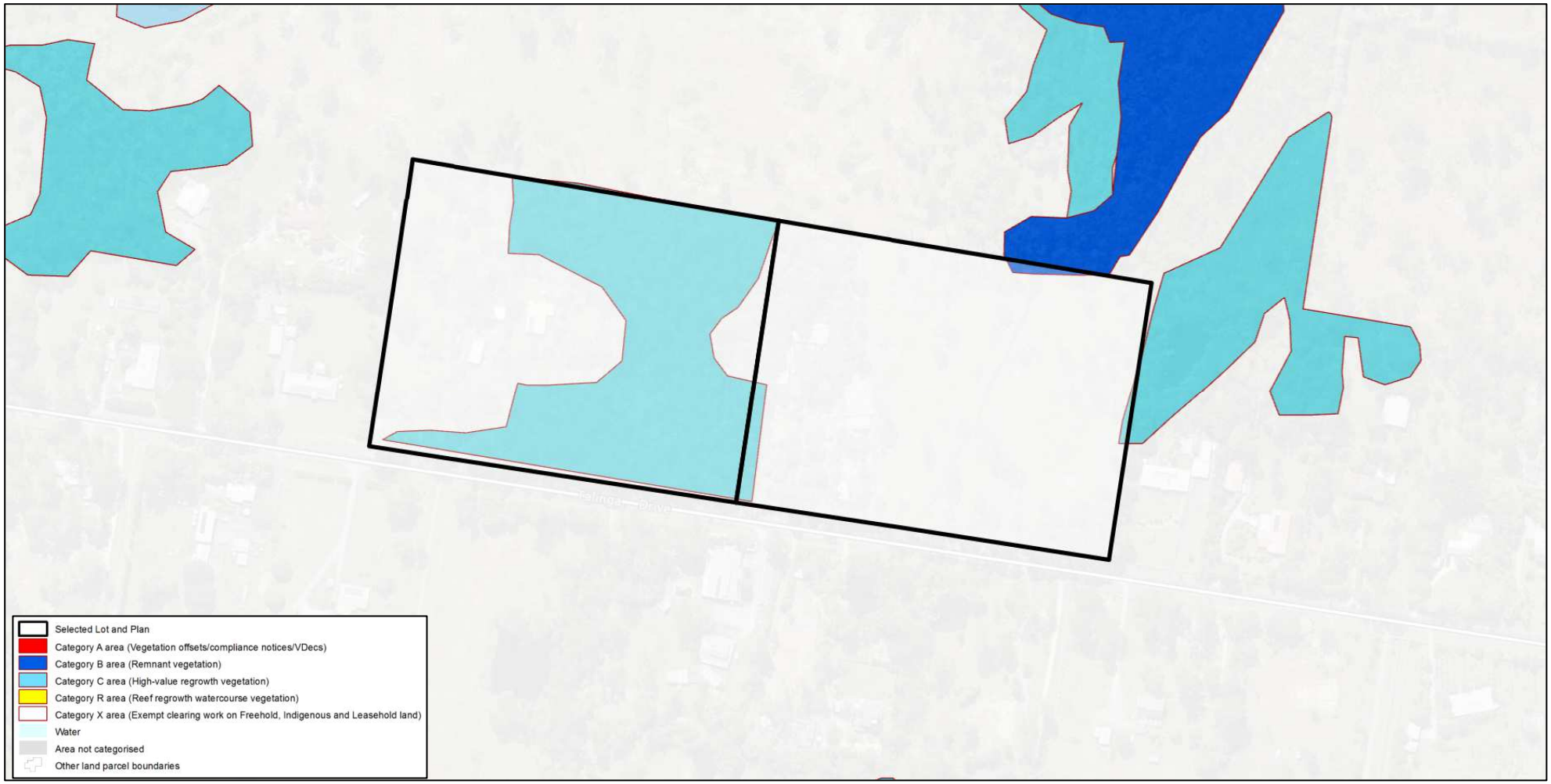
Source: Qld Globe 2022 (captured: 24/04/2023)

State matters

Map 5 — Protected Plants Flora Survey Trigger Map

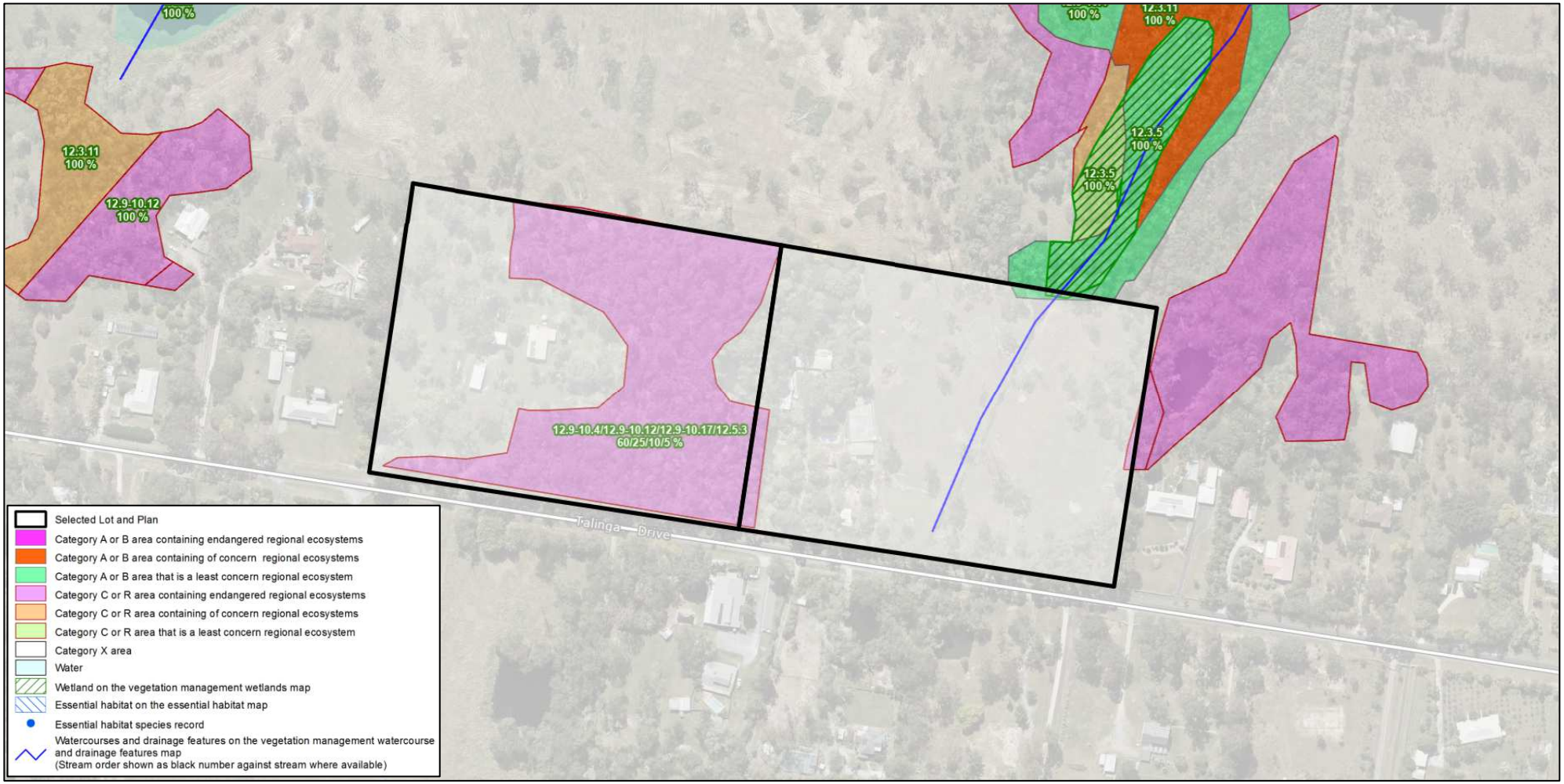
Source: Queensland Government (Department of Environment and Science) 2022 (captured: 24/04/2023)

Map 6 — Regulated Vegetation Management Map



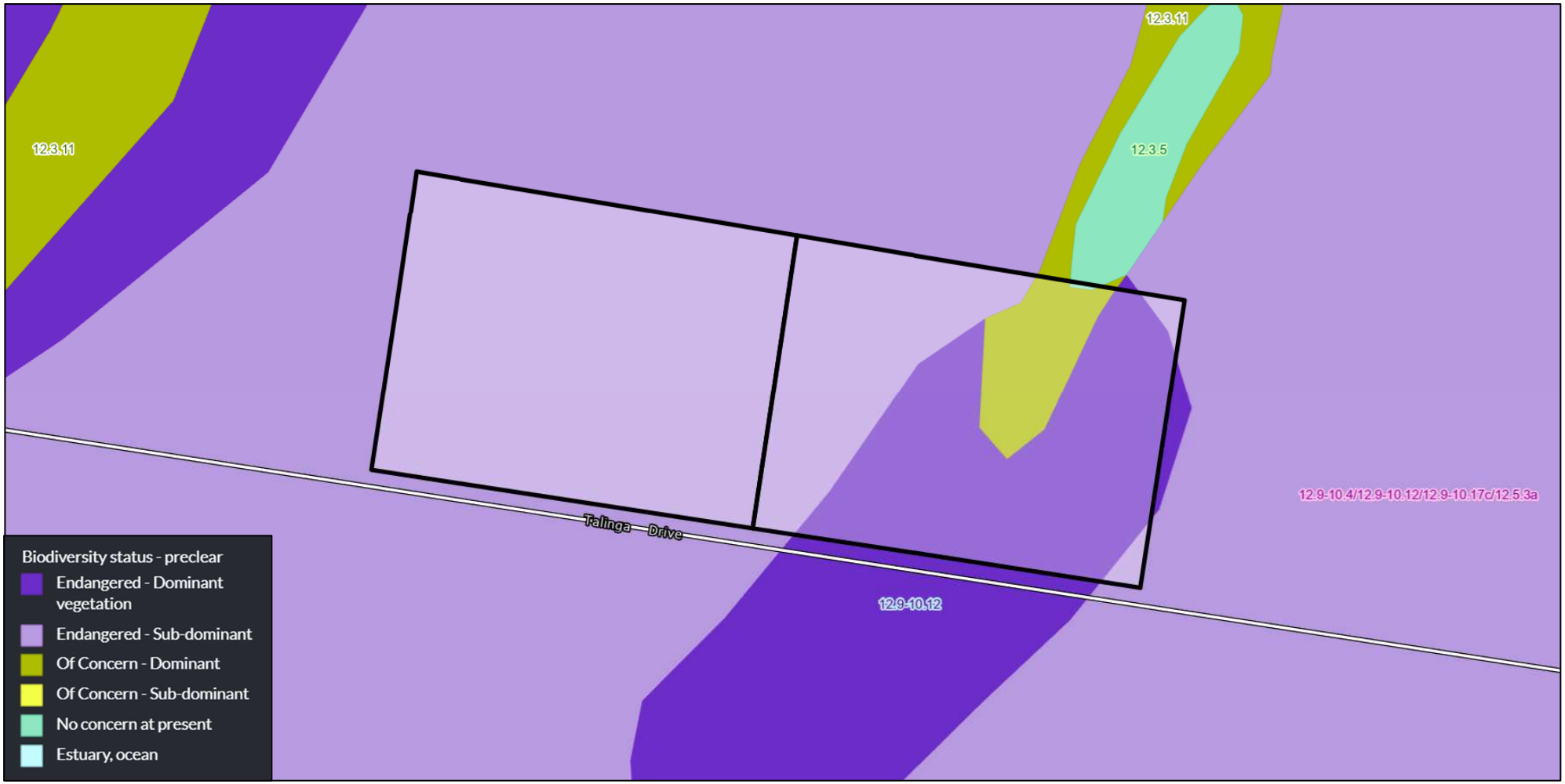
Source: Queensland Government (Department of Environment and Science) 2022 (captured: 24/04/2023)

Map 7 — Vegetation Management Supporting Map



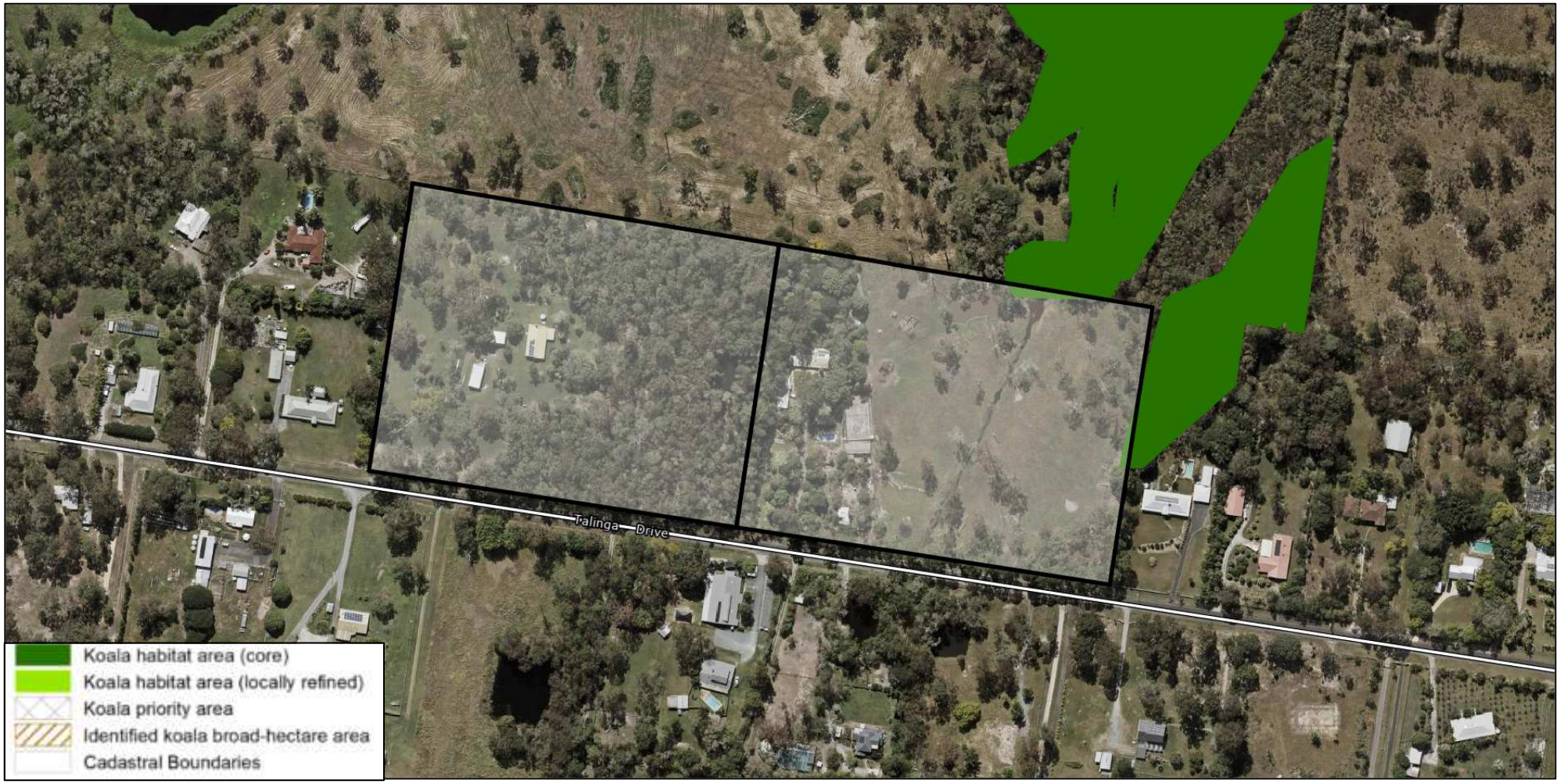
Source: Queensland Government (Department of Environment and Science) 2022 (captured: 24/04/2023)

Map 8 — Preclear Regional Ecosystem



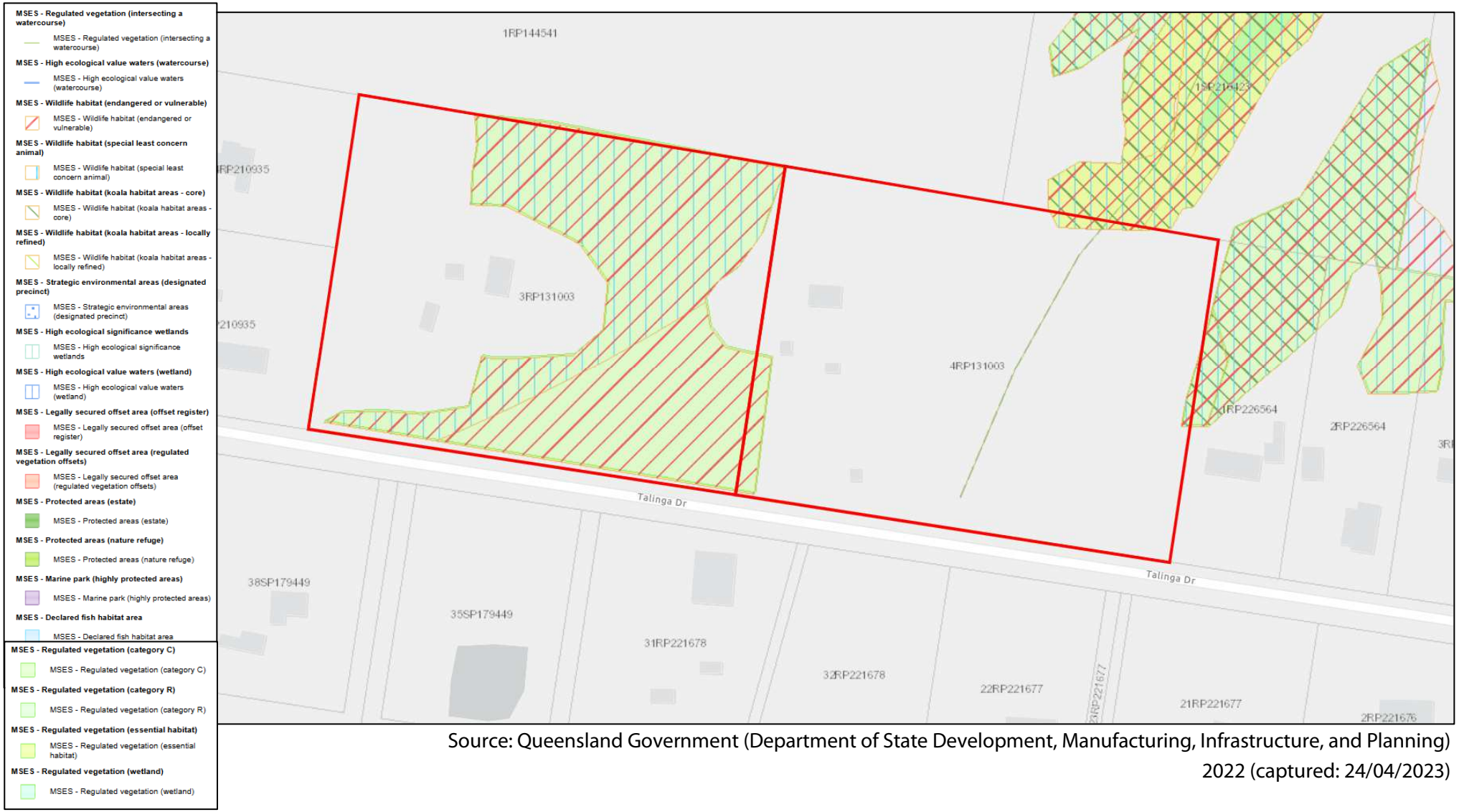
Source: Queensland Government (Department of Environment and Science) 2022 (captured: 24/04/2023)

Map 9 — Koala priority area and koala habitat areas



Source: Queensland Government (Department of Environment and Science) 2022 (captured: 24/04/2023)

Map 10 — SPP — Biodiversity



Source: Queensland Government (Department of State Development, Manufacturing, Infrastructure, and Planning) 2022 (captured: 24/04/2023)

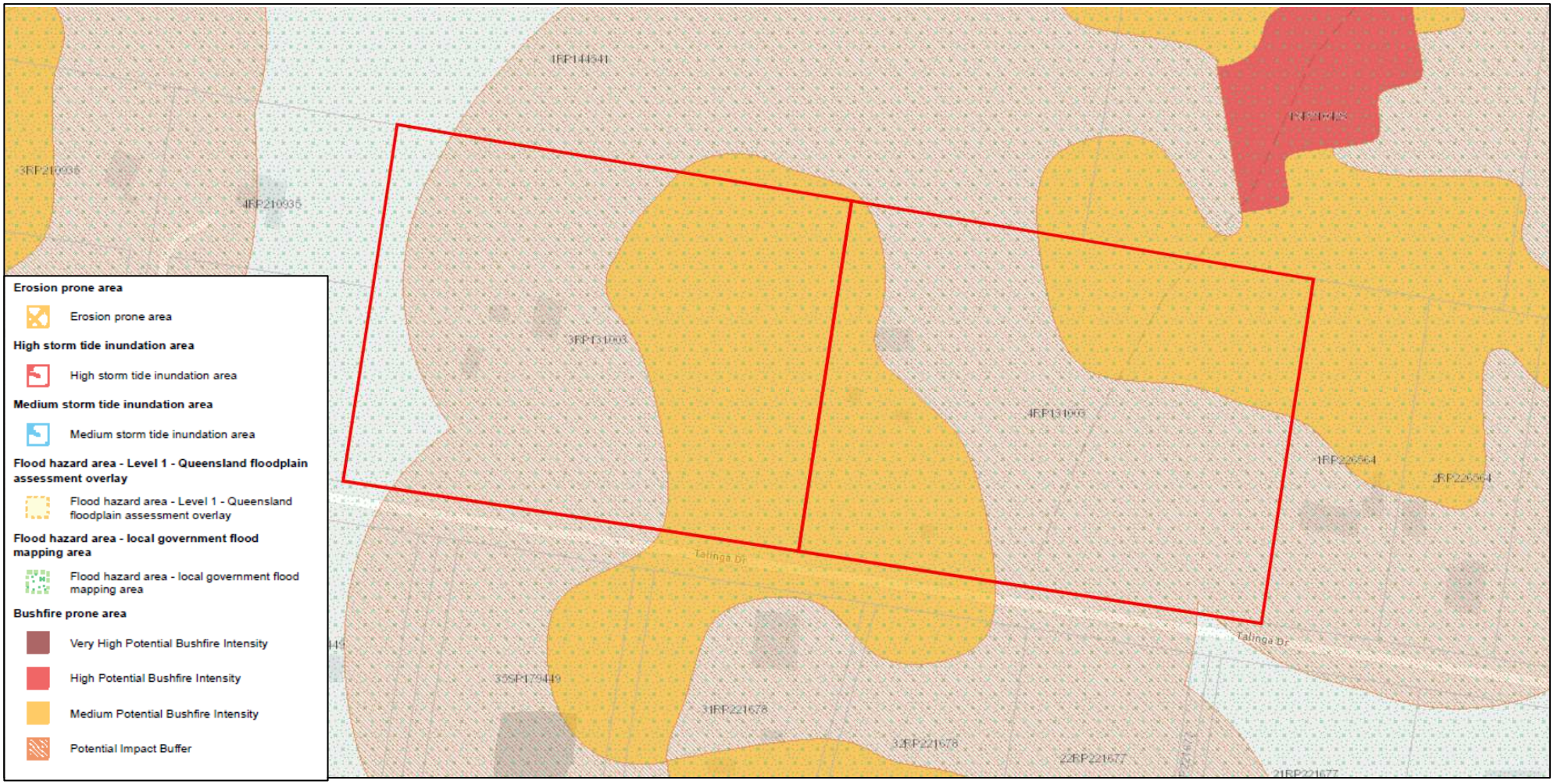
Map 11 — SPP — Coastal Environment

Source: Queensland Government (Department of State Development, Manufacturing, Infrastructure, and Planning) 2022 (captured: 24/04/2023)

Map 12 — SPP — Water Quality

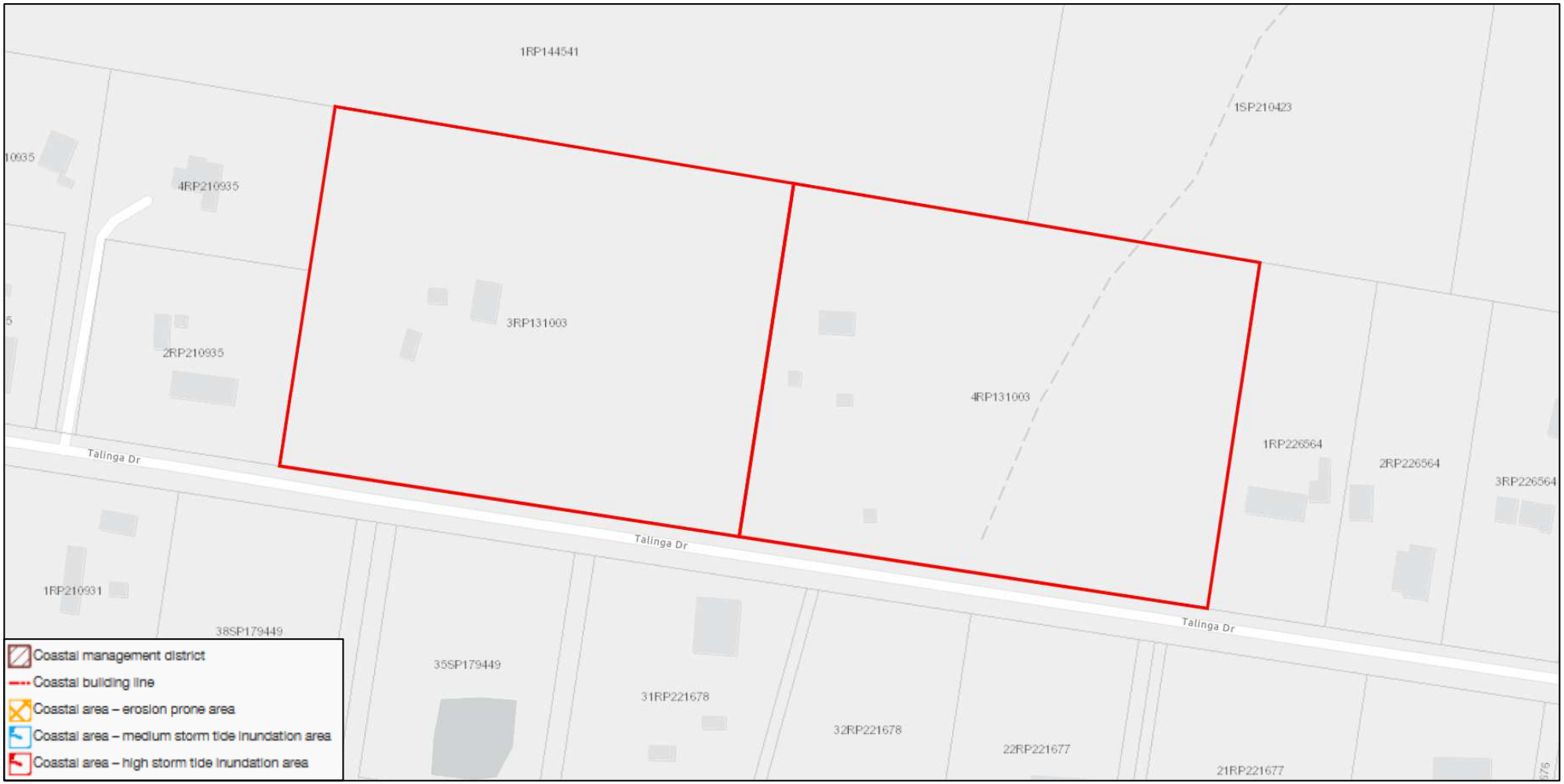
Source: Queensland Government (Department of State Development, Manufacturing, Infrastructure, and Planning) 2022 (captured: 24/04/2023)

Map 13 — SPP — Natural Hazards Risk and Resilience



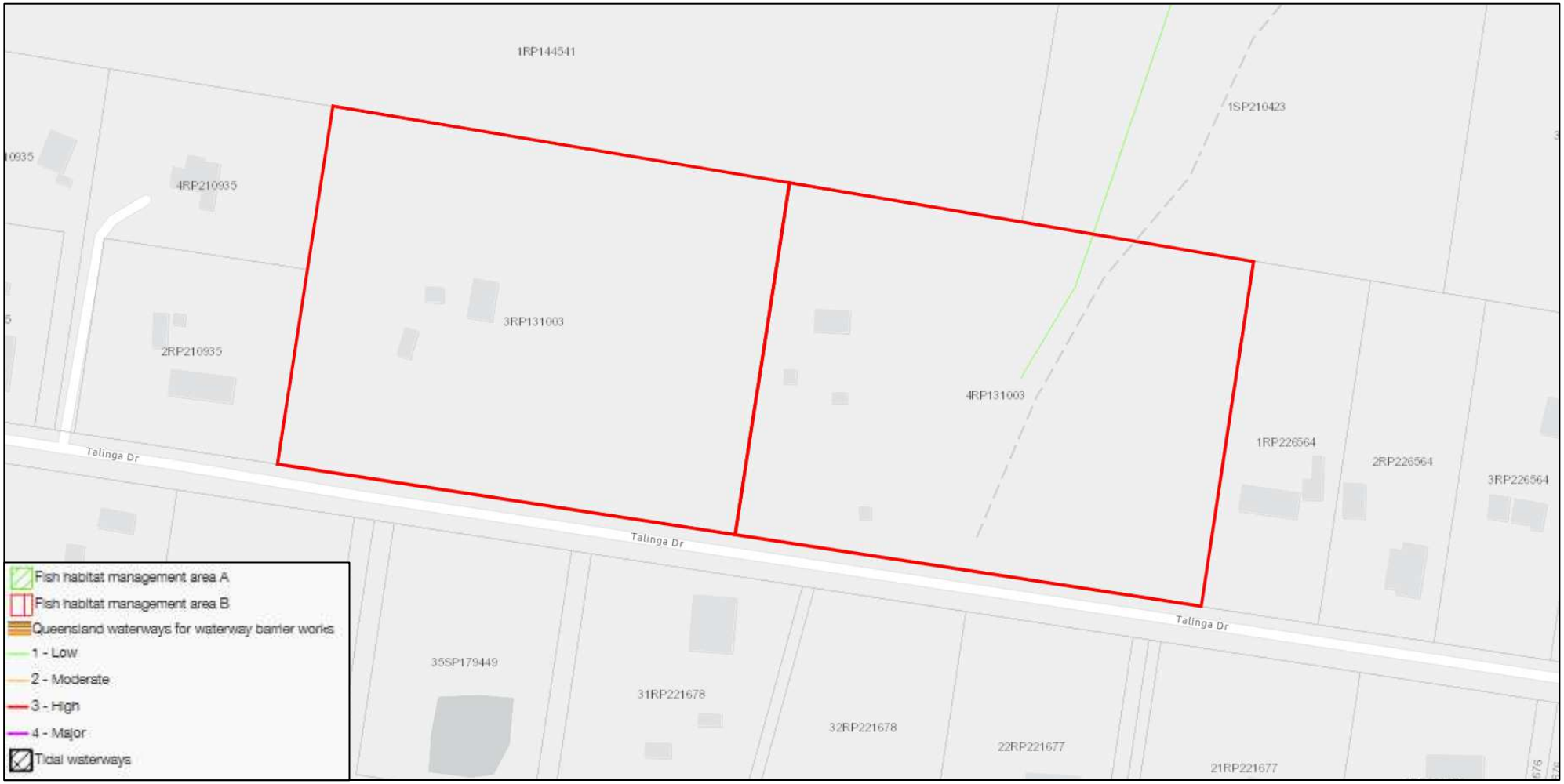
Source: Queensland Government (Department of State Development, Manufacturing, Infrastructure, and Planning) 2022 (captured: 24/04/2023)

Map 14 — DAMS — Coastal Protection



Source: Queensland Government (Department of State Development, Manufacturing, Infrastructure, and Planning) 2022 (captured: 24/04/2023)

Map 15 — DAMS — Fish Habitat Areas



Source: Queensland Government (Department of State Development, Manufacturing, Infrastructure, and Planning) 2022 (captured: 24/04/2023)

Map 16 — Water Act 2000 – Watercourse Identification

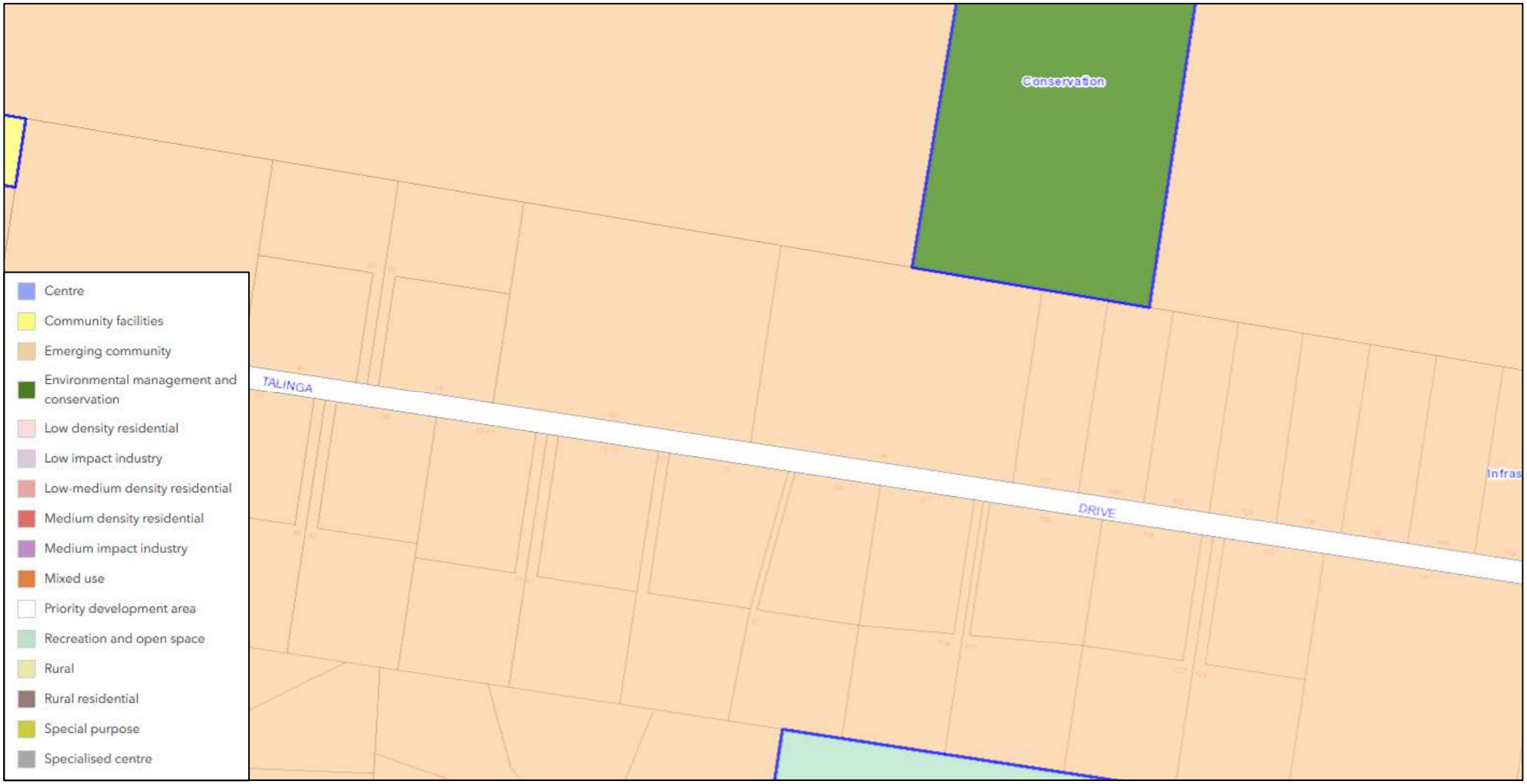
Source: Qld Globe (captured: 24/04/2023)

Map 17 — Highest Astronomical Tide

Source: Qld Globe (captured: 24/04/2023)

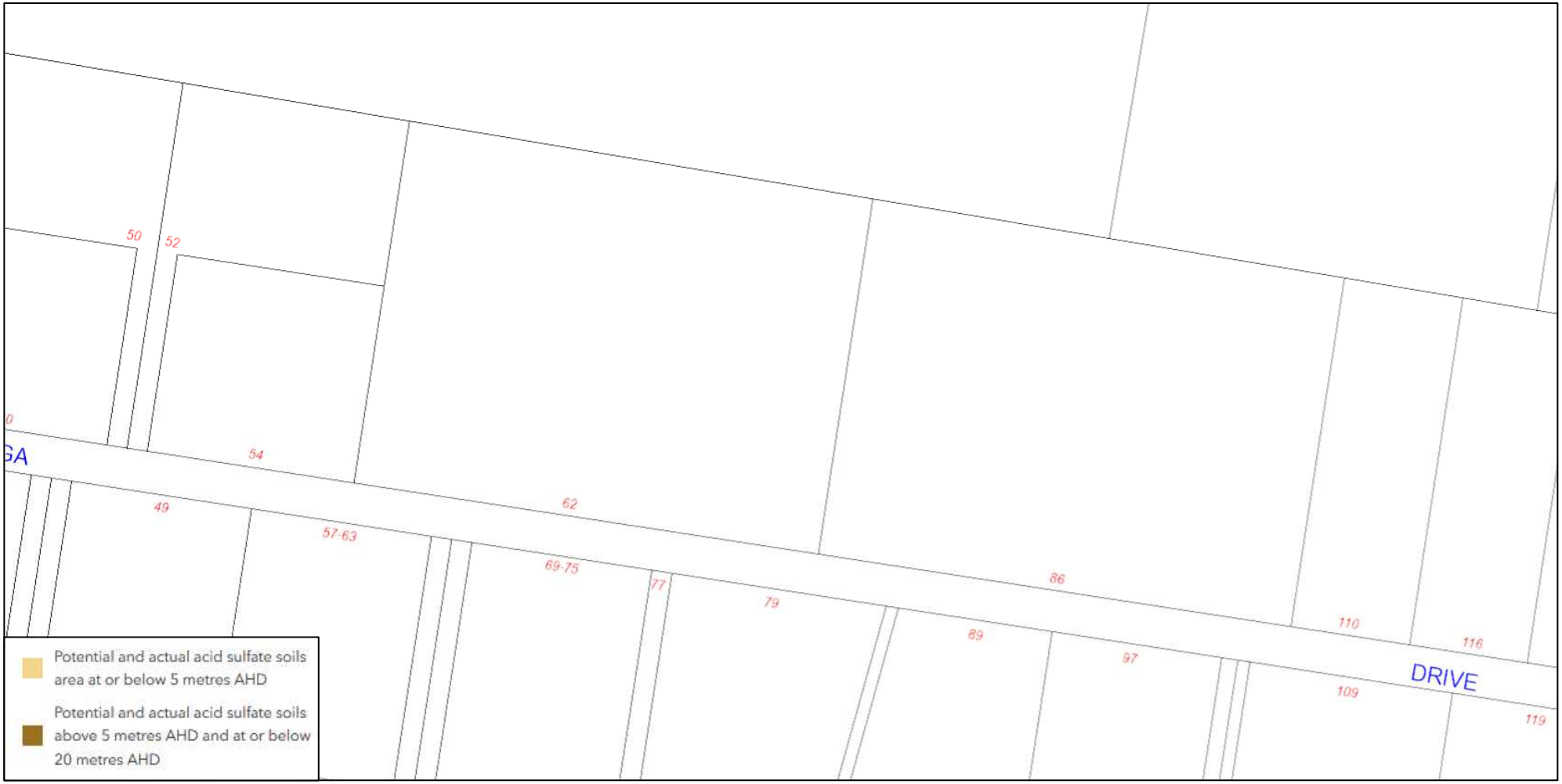
Local matters — Logan City Council

Map 18 — Zoning



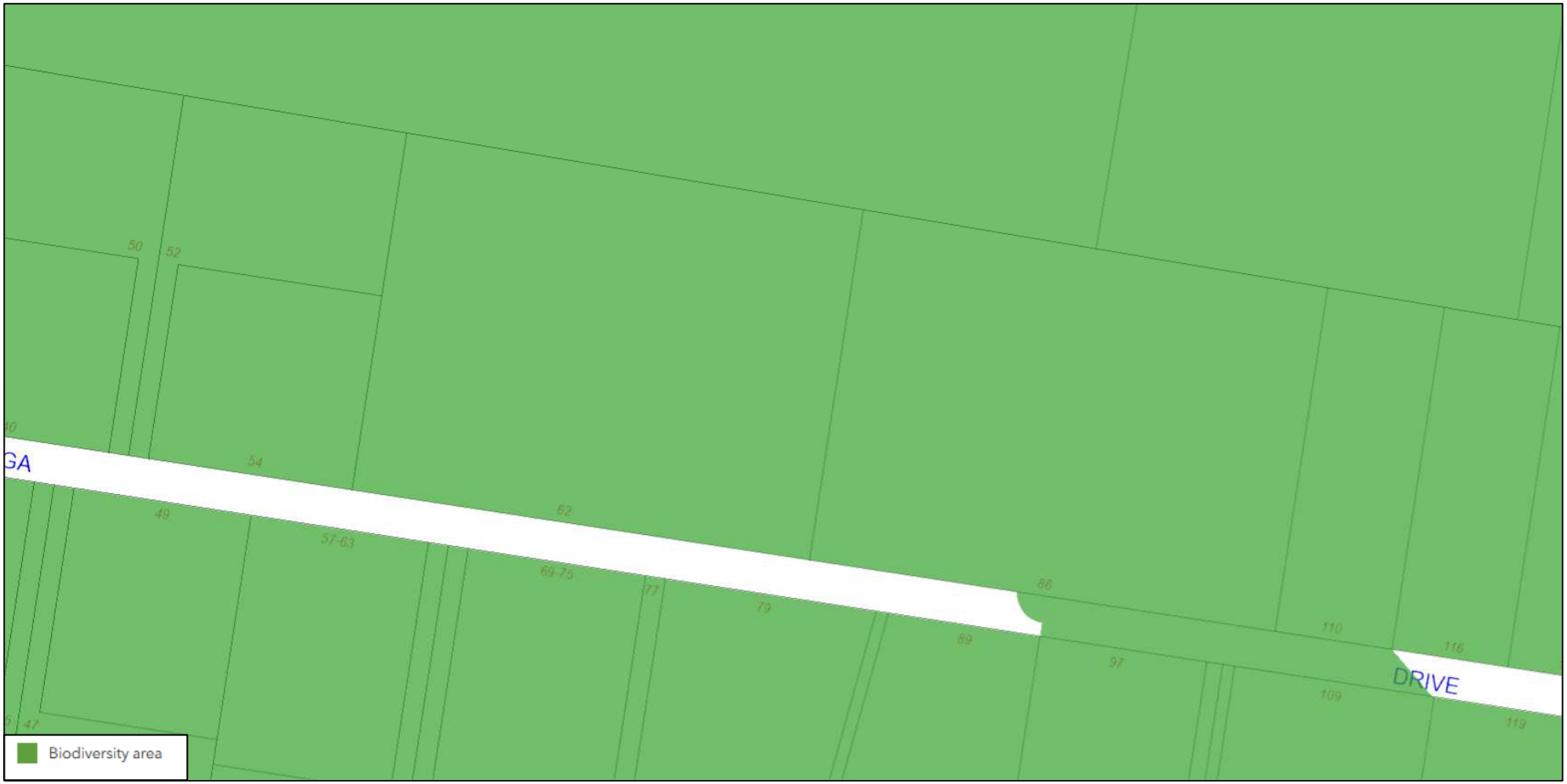
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 19 - Overlay — Acid sulfate soils



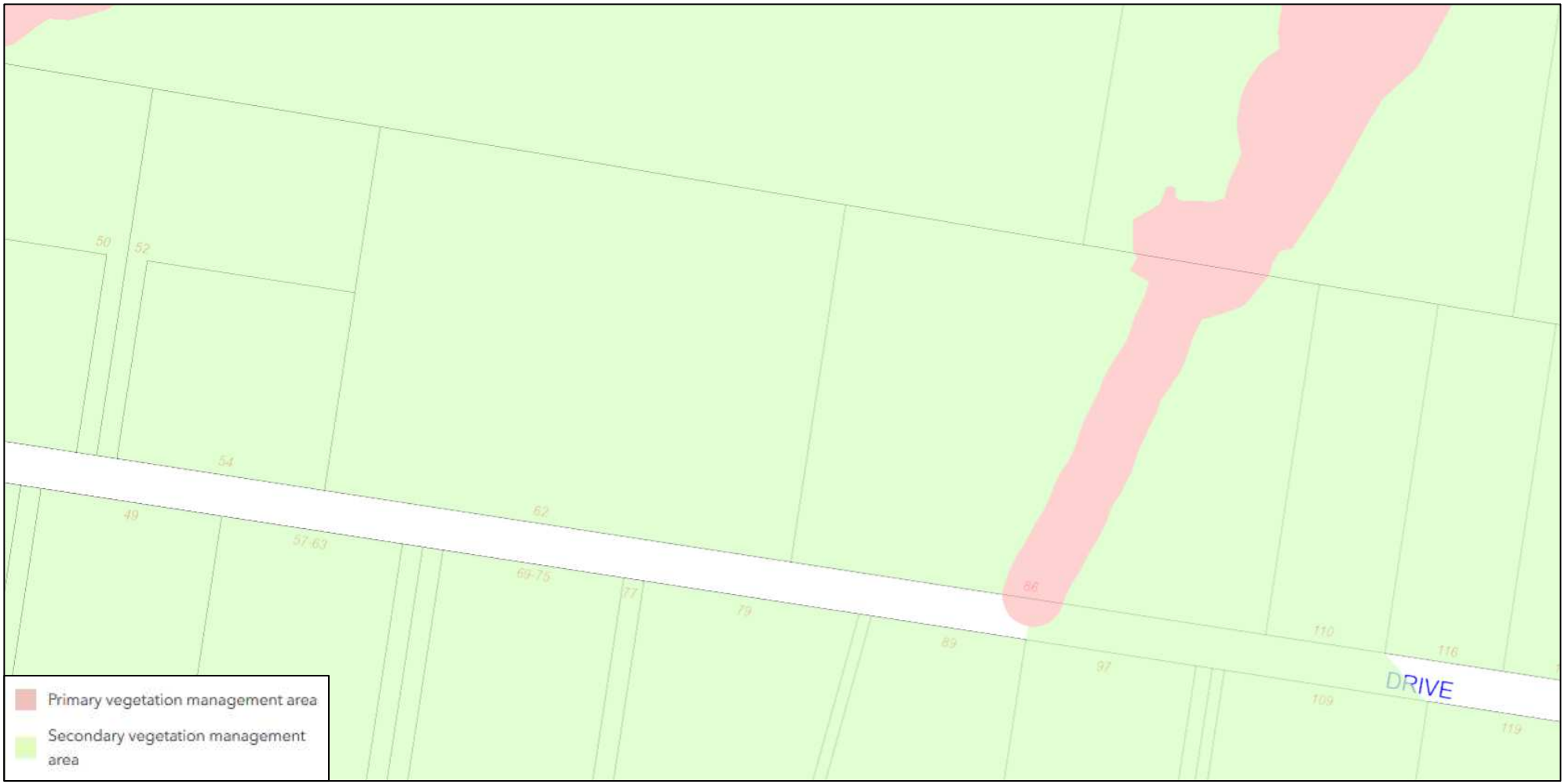
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 20 - Overlay — Biodiversity Areas Trigger



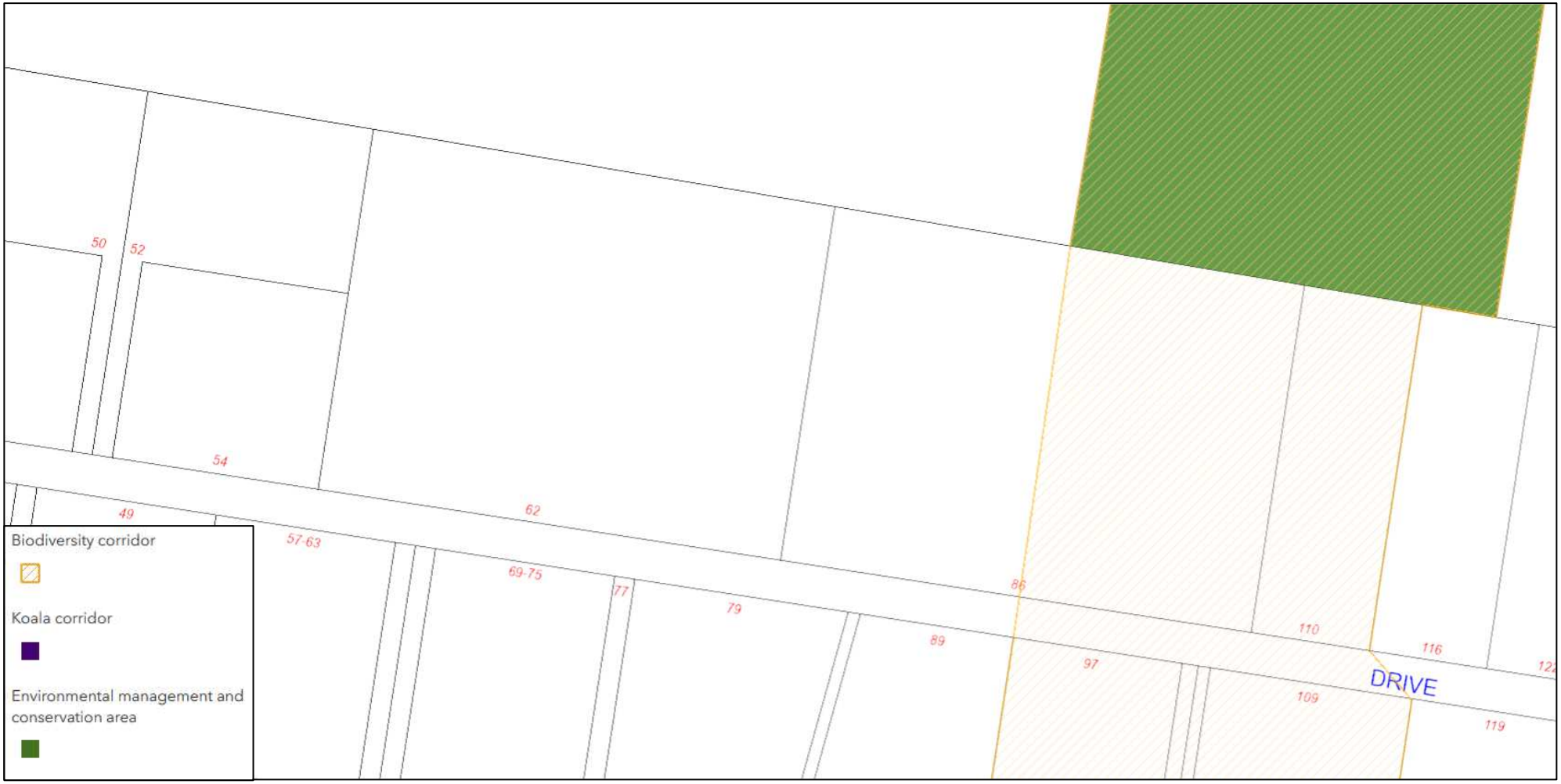
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 21 - Overlay — Vegetation Management Areas



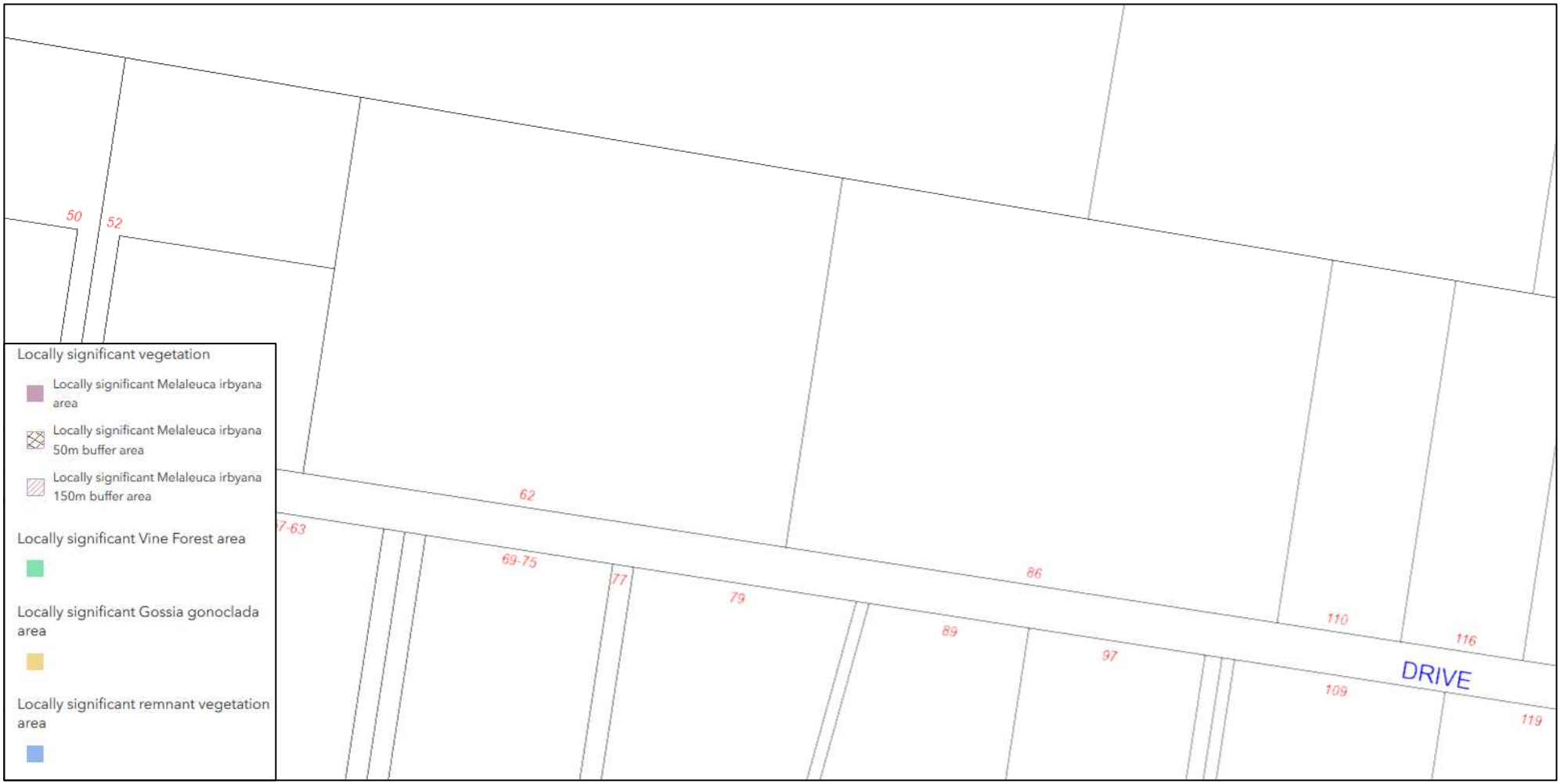
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 22 - Overlay — Biodiversity Corridors



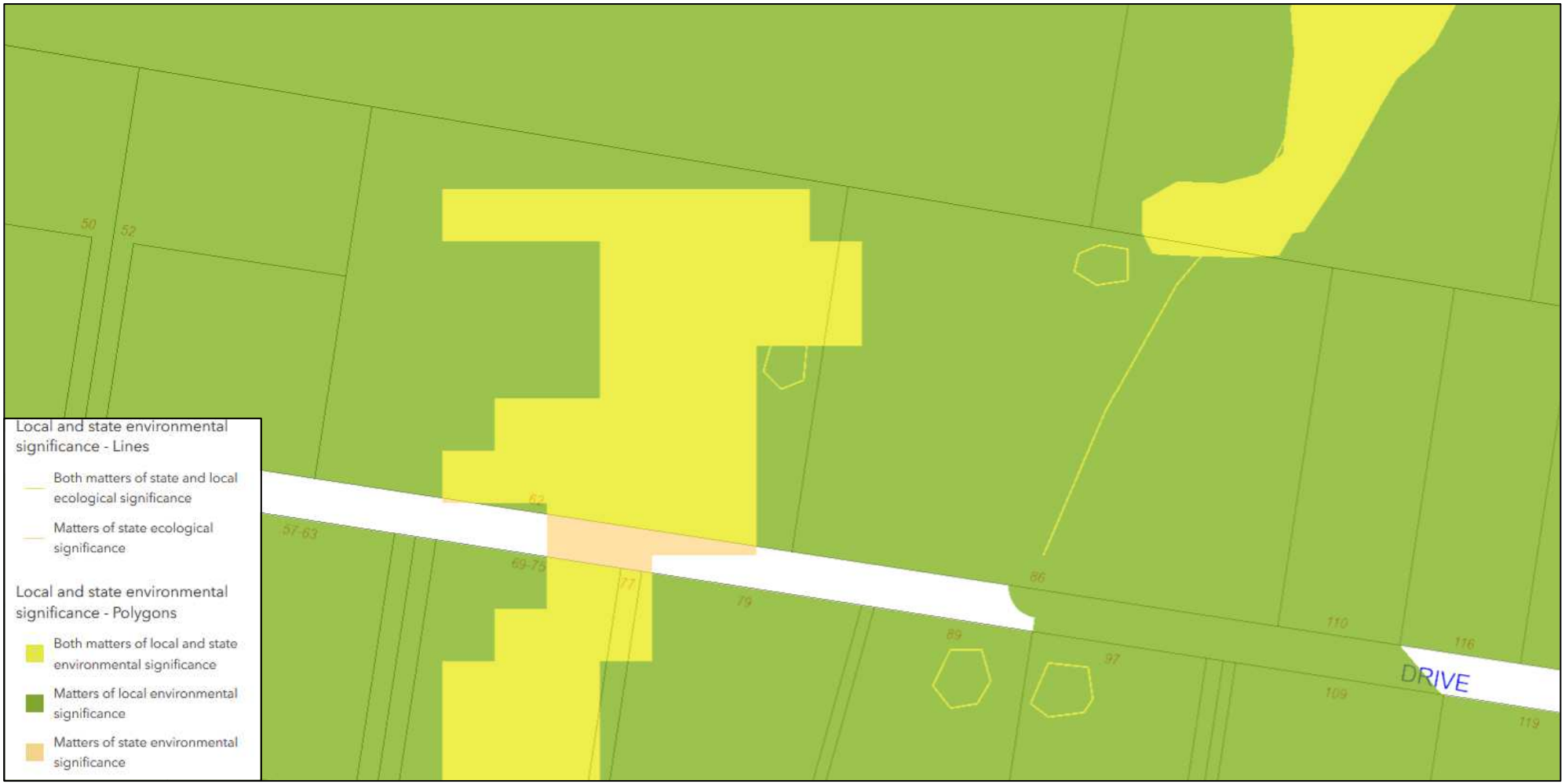
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 23 - Overlay — Locally Significant Vegetation



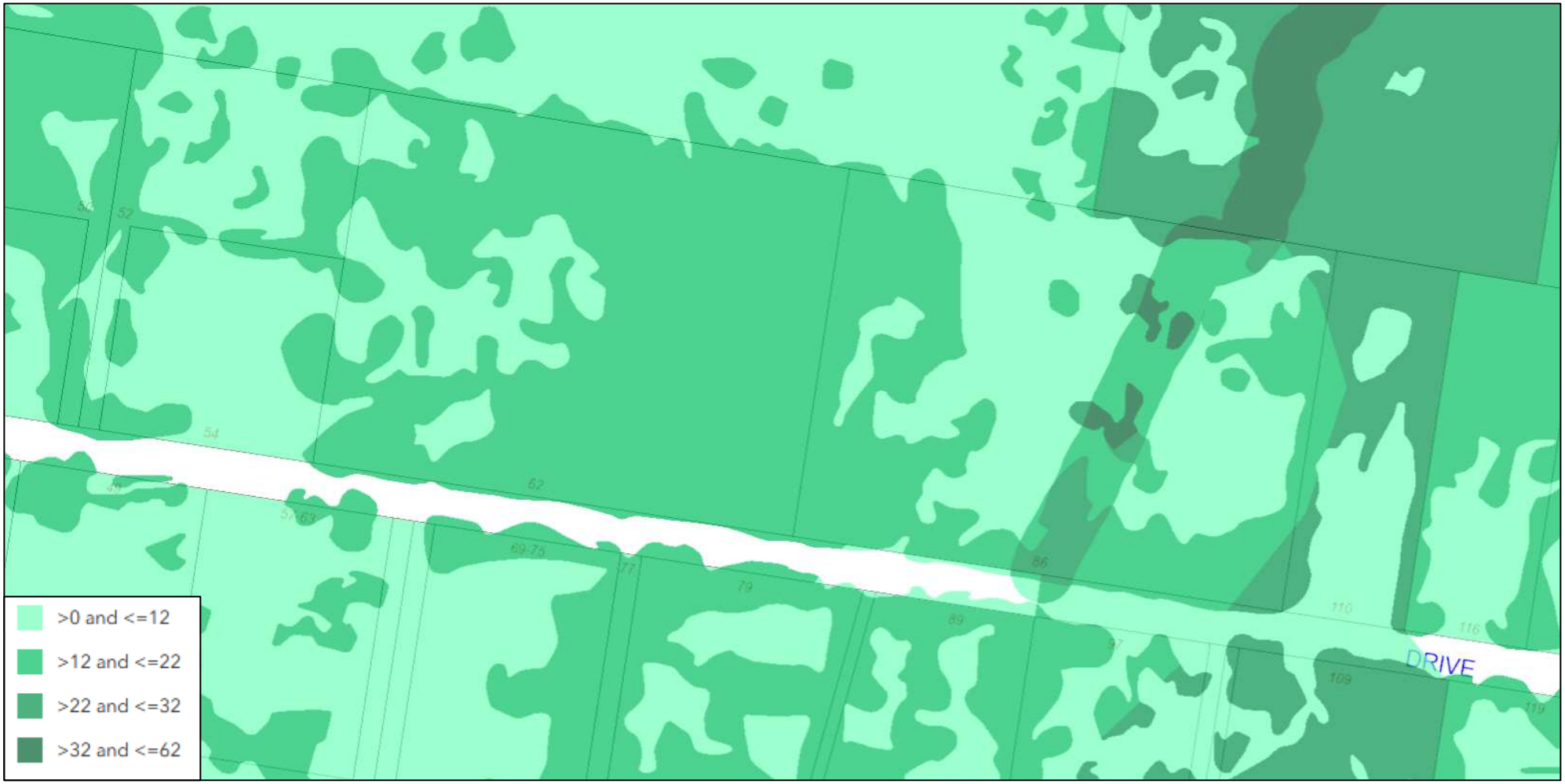
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 24 - Overlay — Matters of State and Local Significance



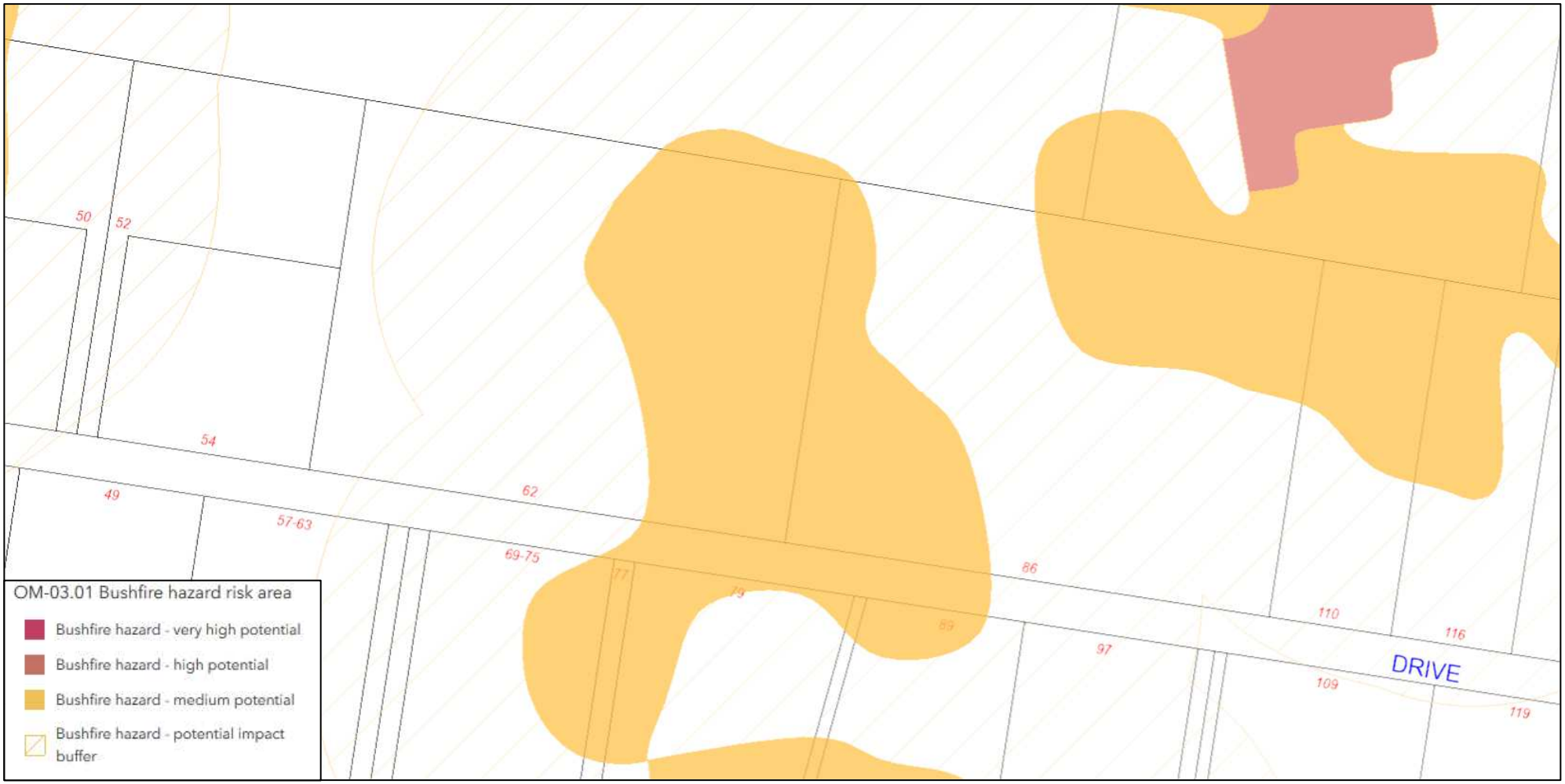
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 25 - Overlay — Ecological Significance



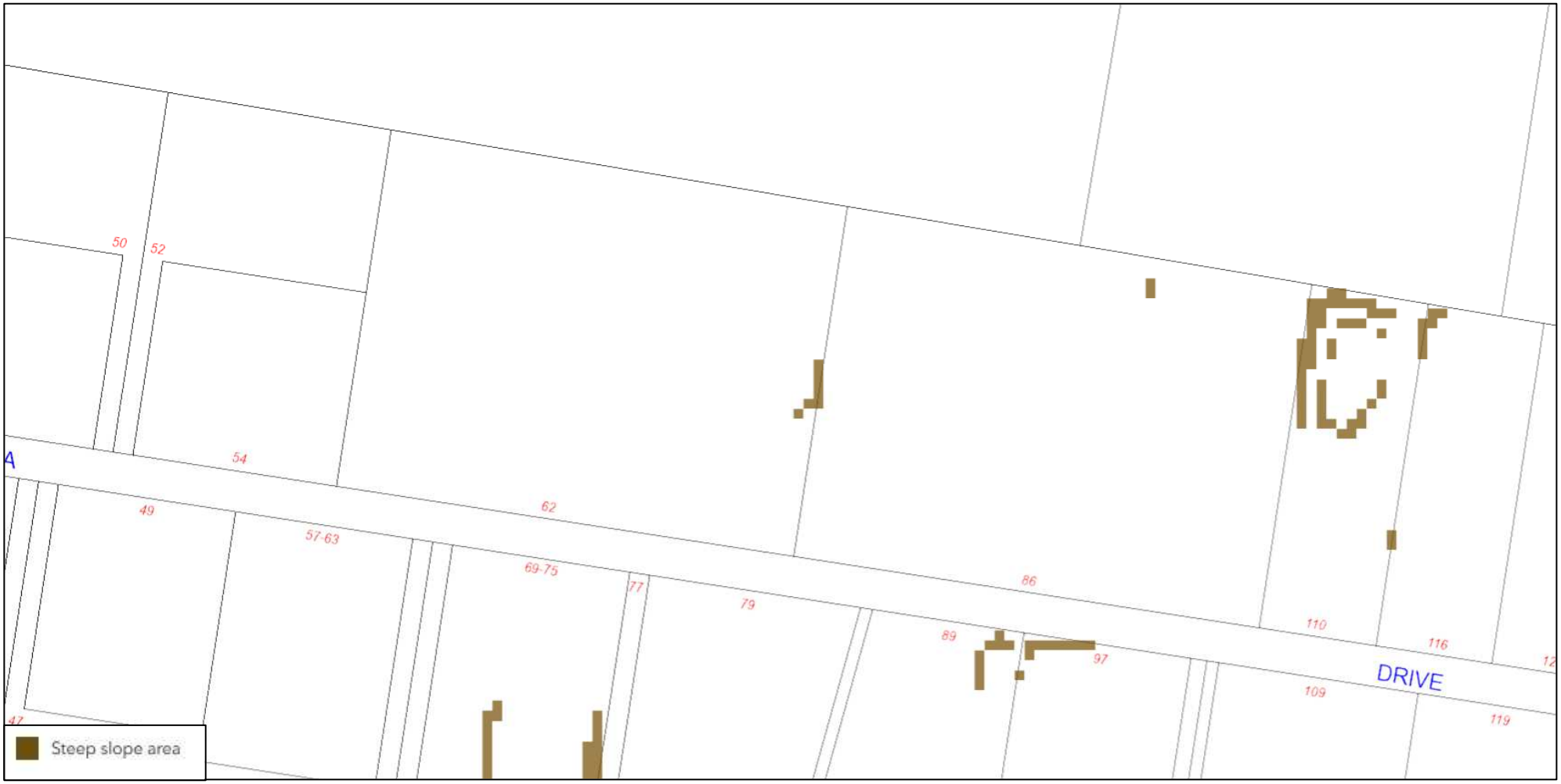
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 26 – Overlay — Bushfire Hazard



Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 27 - Overlay — Landslide Hazard

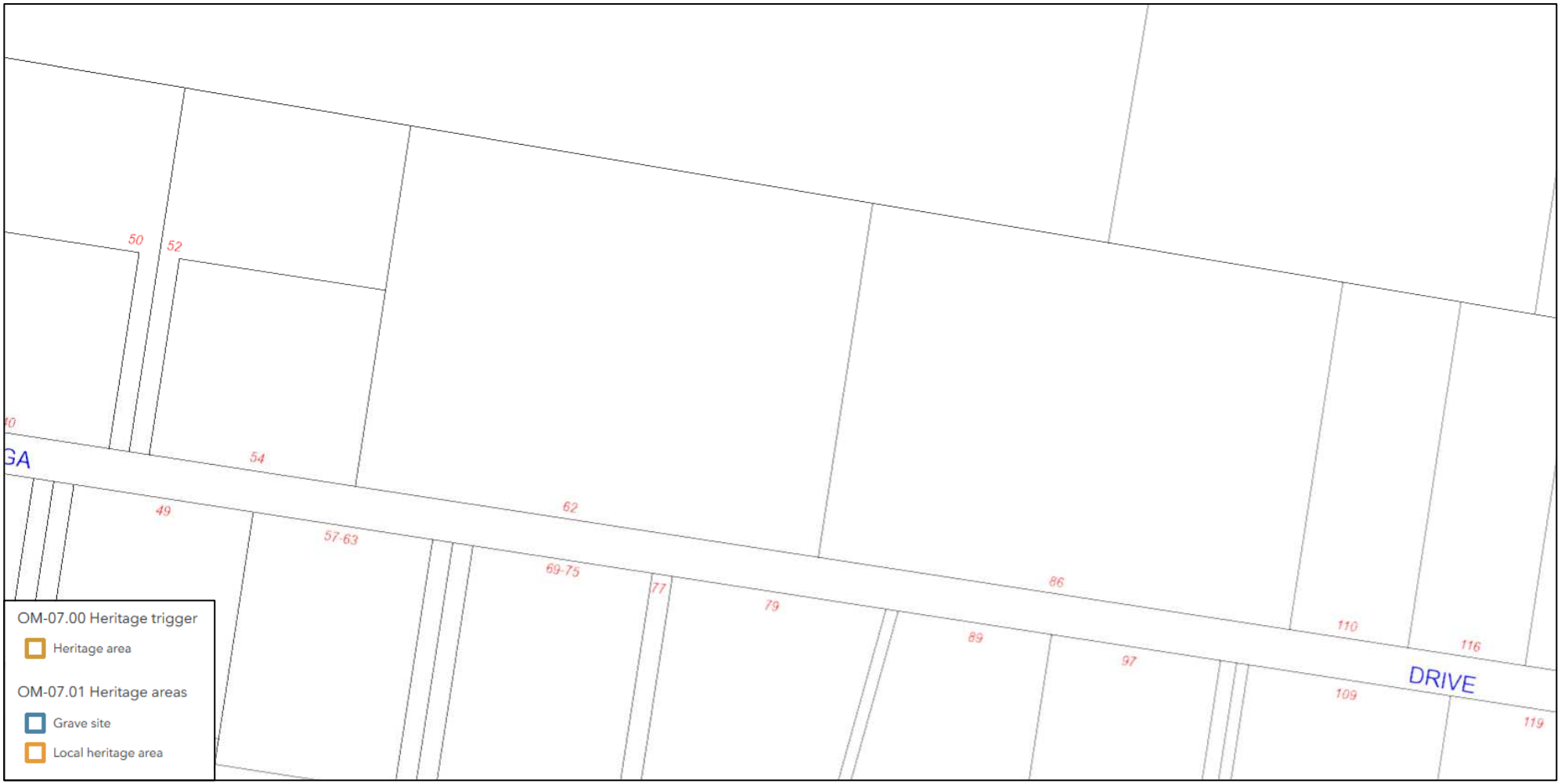


Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 28 - Overlay — Flood Hazard

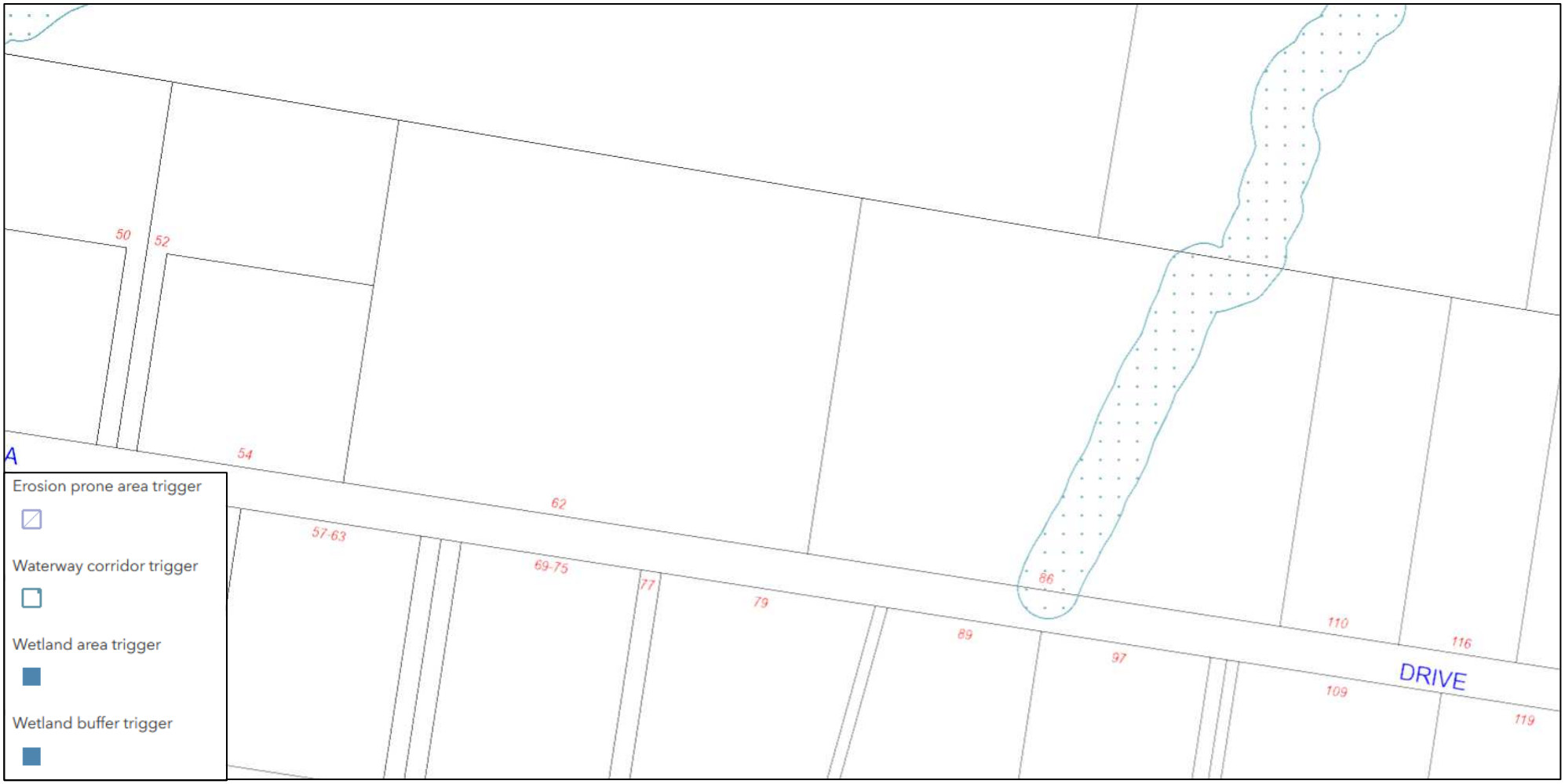
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 29 - Overlay — Heritage



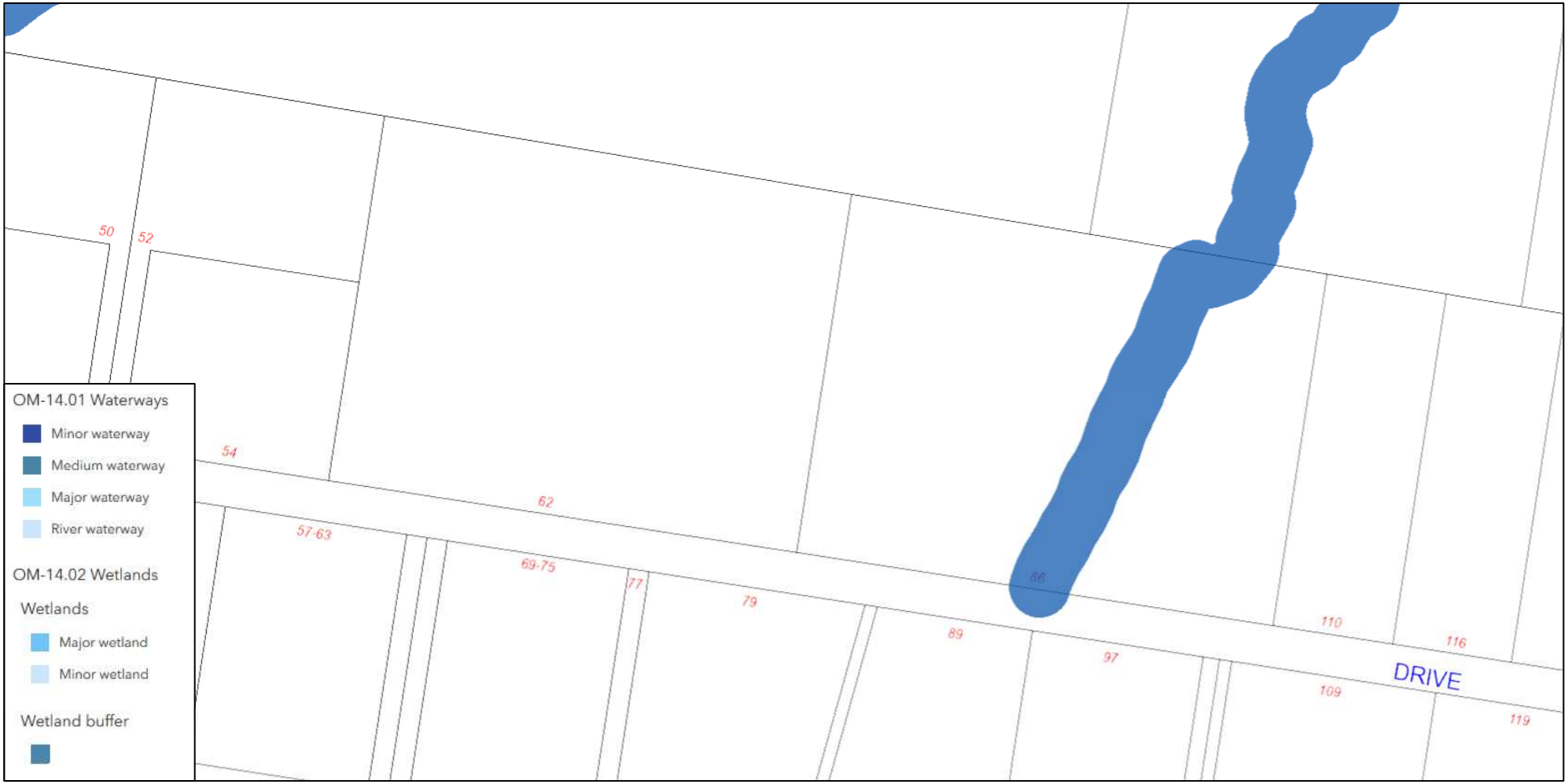
Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 30 - Overlay — Waterway Corridors and Wetlands Trigger



Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Map 31 - Overlay — Waterway Corridors and Wetlands Trigger cont.



Source: Logan Planning Scheme 2015 (captured: 24/04/2023)

Appendix E

LCC Code Responses

Performance outcomes	Acceptable outcomes	Comments
For accepted development (subject to requirements) and assessable development		
Biodiversity corridors		
PO1 Development in a Biodiversity corridor identified on Biodiversity areas overlay map–OM-02.02 is designed and located to: a) provide for habitat links; b) facilitate safe wildlife movement; c) facilitate wildlife refuge; d) enhance habitat values; e) rehabilitate degraded areas with native vegetation. Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report prepared in accordance with Part 2 of planning scheme policy 3–Environmental management.	**AO1** Development is located outside a Biodiversity corridor identified on Biodiversity areas overlay map–OM-02.02.	**Development complies with PO1.** A mapped Biodiversity corridor occurs onsite as per Overlay Map -OM-02.02. Development has been designed to have minimal impacts on this area. The areas shown as Environmental Open Space and Detention / Drainage will be rehabilitated as outlined in the Concept Rehabilitation plan contained within accompanying Landscaping documents. The design and location of the Environmental Open Space and Detention / Drainage areas will provide for habitat linkage, safe wildlife movement, and wildlife refuge. The ecological and habitat value of these areas will be enhanced following the proposed rehabilitation of these areas.
Primary vegetation management area		
PO2 Development in the Primary vegetation management area identified on Biodiversity areas overlay map–OM–02.01 is designed and located: a) to:	**AO2.1** Development is located to avoid the need to clear any native vegetation in the Primary vegetation management area identified on Biodiversity areas overlay map–OM–02.01, unless: a) if identified as a matter of local environmental significance on Biodiversity areas overlay map–	**Development complies with PO2.** Development will impact 1,154 m2 of mapped Primary Vegetation Management Area. It is anticipated that the rehabilitation planting proposed within the 15,100 m^2 of proposed Environmental Open Space area will achieve a net

Performance outcomes	Acceptable outcomes	Comments
i. protect the current extent of native vegetation; or ii. achieve a net gain of native vegetation; b) to rehabilitate degraded areas with native vegetation. Note - The Primary vegetation management area includes the locally significant vegetation identified on Biodiversity areas overlay map–OM–02.03. Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report [for section (a)(i)] and an environmental offset report [for section (a)(ii)] prepared in accordance with Part 2 of planning scheme policy 3–Environmental management.	OM–02.04, an offset is provided in accordance with section 3.1–Environmental offset standards in Planning scheme policy 3–Environmental management; or b) if identified as a matter of State environmental significance on Biodiversity areas overlay map–OM-02.04, an offset is provided in accordance with the Queensland Environmental Offset Policy and the Environmental Offsets Act 2014. Note - Compliance with AO2.1(a) is to be demonstrated by an environmental offset report prepared in accordance with Part 2 of planning scheme policy 3–Environmental management. Note - Compliance with AO2.1(b) is achieved where an environmental offset is provided to the Queensland Government in accordance with conditions imposed by a referral agency under the State Development Assessment Provisions. Alternatively, compliance is also achieved where referral agency assessment was undertaken but no environmental offset condition imposed. **AO2.2** Development rehabilitates degraded areas in accordance with the Southeast Queensland Ecological Restoration Framework.	gain in native vegetation within mapped Primary Vegetation Management Area. Specifically, once exempt clearing areas along boundaries are excluded, there is approximately 3,180 m^2 of mapped primary vegetation area within the Environmental Open Space area that is proposed to be rehabilitated in accordance with the concept Landscape documentation (prepared by Saunders Havill Group) that accompanies this EAR. The rehabilitation of this 3,180 m^2 would achieve a net gain of vegetation due to this being at a ratio of 2:1 for every m^2 of Primary Vegetation management Area proposed to be removed (1,154 m^2), and the current absence of vegetation on ground from much of this mapped Primary Vegetation Management Area.
Secondary vegetation management area		
PO3 Development in the Secondary vegetation management area identified on Biodiversity areas overlay map–OM-02.01 is designed and located to either:	**AO3** Development is located to avoid the need to clear any native trees and native habitat trees in the Secondary vegetation management area identified on Biodiversity areas overlay map–OM–02.01, unless:	**Development complies with AO3.** Development will occur within the Secondary Vegetation Management Area. Development will result in the removal of 413 individual native trees, 16 individual native habitat trees, and 18, 928 m^2 of

Performance outcomes	Acceptable outcomes	Comments
a) protect the current extent of native trees and native habitat trees; or b) achieve a net gain of native trees and native habitat trees. Note - -Compliance with this performance outcome is to be demonstrated by a basic ecological assessment report [for paragraph (a)] and environmental offset report [for section (b)] prepared in accordance with Part 2 of planning scheme policy 3–Environmental management.	a) if clearing less than 10 native trees, compensatory planting is provided of: i. two trees of the same species for every native tree cleared in a secondary vegetation management area; ii. four trees of the same species for every native habitat tree cleared in a secondary vegetation management area; b) if identified as a Matter of local environmental significance and not Both matters of local and state environmental significance on Biodiversity areas overlay map–OM–02.04, an offset is provided in accordance with section 3.1–Environmental offset standards in Planning scheme policy 3–Environmental management; or c) if identified as Both Matters of local and state environmental significance or Matters of State environmental significance on Biodiversity areas overlay map–OM–02.04, an offset is provided in accordance with the Queensland Environmental Offset Policy and the Environmental Offsets Act Note––Compliance with AO3(b) is to be demonstrated by an environmental offset report prepared in accordance with Part 2 of planning scheme policy 3–Environmental management. Note––For the purpose of AO3(c) the Queensland Government has separate regulatory requirements for matters of state environmental significance. This is regulated by the State Development Assessment Provisions.	dense vegetation from within the Secondary Vegetation Management Area. It is proposed that an on ground restoration offset will be provided in the Environmental Open Space area to compensate for the removal of the 413 native and 16 native habitat trees. Planting of the Environmental Open Space area will occur in accordance with the Rehabilitation Concept Plan. A financial offset will be provided to compensate for the removal of the remaining 18,928 m2 of dense vegetation (>1 tree per 10m2) within the Secondary Vegetation Management Area. This proposed combination offset solution will achieve a net gain of native trees and native habitat trees will be delivered via an environmental offset for the unavoidable loss of this vegetation.

Performance outcomes	Acceptable outcomes	Comments
	Note––Where the native vegetation is identified as a matter of state environmental significance and no offset is required by the Queensland Government for the native vegetation identified as a matter of state environmental significance, development is located to avoid the need to clear the native vegetation.	
Koala corridor		
PO4 Development in a Koala corridor identified on Biodiversity areas overlay map–OM–02.02 is designed and located to protect and enhance koala habitat. Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report prepared in accordance with Part 2 of planning scheme policy 3–Environmental management.	**AO4** Development: a) is located to avoid the need to clear any native vegetation in a Koala corridor identified on Biodiversity areas overlay map–OM–02.02; b) in a Koala corridor identified on Biodiversity areas overlay map–OM–02.02 rehabilitates degraded koala habitat values within the Koala corridor, in accordance with the South East Queensland Ecological Restoration Framework.	**Not applicable.** The site is not located within a mapped Koala corridor identified on Biodiversity areas overlay map–OM–02.02.
Locally significant vegetation area		
PO5 Development in a Locally significant vegetation area identified on the Biodiversity areas overlay map—OM-02.03 protects Melaleuca irbyana, vine forest, Gossia gonoclada and significant remnant vegetation areas from: a. encroachment; b. edge effects.	**AO5** Development is located outside of a Locally significant vegetation area as identified on Biodiversity areas overlay map—OM-02.03.	**Not applicable.** The site does not include a mapped locally significant vegetation area identified on Biodiversity areas overlay map—OM-02.03.

Performance outcomes	Acceptable outcomes	Comments
Note––Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report prepared in accordance with Part 2 of planning scheme policy 3–Environmental management.		
For assessable development		
Wildlife movement		
PO6 Development in a Biodiversity corridor or koala corridor identified on Biodiversity areas overlay map–OM–02.02 provides for the safe movement of native fauna by: a) generating minimal additional night time traffic; b) minimising the risk of injury or death to wildlife by vehicular traffic; c) incorporating practices or measures to minimise disruption, injury or death during construction; d) providing that a road or accessway has a low design speed; e) providing fauna-friendly fencing. Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report prepared in accordance with Part 2 of planning scheme policy 3–Environmental management.	**AO6** Development in a Biodiversity corridor or koala corridor identified on Biodiversity areas overlay map–OM–02.02 provides for the safe movement of native fauna through the implementation of: a) the Queensland Government Fauna Sensitive Road Design Manual Volume 2: Preferred Practices; b) the Queensland Government Koala-sensitive Design Guideline.	**Development complies with PO6** A Biodiversity corridor identified in Biodiversity areas Overlay map OM-02.02 is mapped onsite. The proposed development is planned to largely avoid this area, with the except of some minor impacts to the outer edge of the Biodiversity Corridor for the detention / drainage requirements. No roads are proposed to bisect the Environmental Open Space area. The areas shown as Environmental Open Space and Detention / Drainage will be rehabilitated as outlined in the Rehabilitation Concept Plan contained within accompanying Landscaping documents. The design and location of the Environmental Open Space and Detention / Drainage areas will provide for safe movement of native fauna.
Locally significant Melaleuca irbyana buffer area		
PO7 Development within the Locally significant Melaleuca irbyana buffer area identified on	**AO7** Development within the Locally significant Melaleuca irbyana buffer area identified on Biodiversity areas	**Not applicable.** The subject site is not located within a mapped locally significant *Melaleuca irbyana* buffer area

Performance outcomes	Acceptable outcomes	Comments
Biodiversity areas overlay map–OM–02.03 protects the Locally significant Melaleuca irbyana area identified on Biodiversity areas overlay map–OM–02.03 from: a) edge effects; b) adverse changes to the local hydrology. Note - Compliance with this performance outcome is to be demonstrated by a detailed ecological assessment report prepared in accordance with Part 2 of planning scheme policy 3–Environmental management.	overlay map–OM–02.03 provides for a vegetated buffer within 50 metres of the Locally significant Melaleuca irbyana area identified on Biodiversity areas overlay map–OM–02.03.	identified on Biodiversity areas overlay map–OM–02.03.
Landscape values		
PO8 Development is designed and located to protect and enhance the landscape values of: a) a ridgeline; b) native vegetation.	**AO8** No acceptable outcome provided.	**Development complies with PO8.** The subject site does not contain any significant ridgeline values. The site does contain vegetation values, but as discussed in Section 4 of this EAR, the vegetation remaining on site is highly modified and disturbed in parts, subject to weed infestations, and is predominantly of regrowth vegetation age. The rehabilitation work proposed for the Environmental Open Space and Detention / Drainage areas (refer to accompanying concept landscape documentation) will ensure that native vegetation values are protected and enhanced.
Lighting		
PO9 Development in a Biodiversity corridor or Koala corridor identified on Biodiversity areas overlay map–OM–02.02 is designed to minimise adverse light impacts on native fauna.	**AO9.1** Lighting associated with development in a Biodiversity corridor or Koala corridor identified on Biodiversity areas overlay map–OM–02.02:	**Development complies with AO9.1.** Lighting for the proposed development will be designed in compliance with the relevant policies, and is anticipated to be conditioned at the Operational Works Stage as necessary.

Performance outcomes	Acceptable outcomes	Comments
	a) complies with the dark surrounds lighting levels in AS4282-1997–Control of the obtrusive effects of outdoor lighting; b) is directed away from areas identified on Biodiversity areas overlay map–OM–02.00	

Response to LCC Waterway and Wetlands Overlay Code

Performance outcomes	Acceptable outcomes	Comments
For accepted development (subject to requirements) and assessable development		
Design and location		
PO1 Development is designed and located to protect the ecosystem processes, water quality, function, scenic amenity and landscape values of a Waterway corridors and wetlands area identified on Waterway corridors and wetlands overlay map OM-14.00.	**AO1** Development is located outside the: a. waterway areas identified on Waterway corridors and wetlands overlay map OM-14.01; b. wetlands and wetland buffers identified on Waterway corridors and wetlands overlay map OM-14.02.	**Development complies with PO1.** Development will impact 1,154 m2 of mapped Minor Waterway identified on the Waterway Corridor and Wetlands Overlay Map OM-14.01. As outlined in Section 4.5 of this EAR, the mapped Minor Water to be impacted has been highly modified by adjacent dwellings through a series of constructed dams, vegetation clearing, cattle grazing, and ongoing weed incursions. The rehabilitation planting proposed within the 15,100 m^2 of proposed Environmental Open Space area will ensure that the ecosystem processes, water quality, function, scenic amenity and landscape values of the minor waterway are protected.
For assessable development only		
Location and ecosystem processes		
PO2 Development is: a. designed and located such that a waterway area or wetlands and wetland buffer is protected;	**AO2** Development: a. demonstrates that locating outside the waterway area of wetland and wetland buffer is not reasonably possible;	**Development complies with PO2.** Development will impact 1,154 m2 of mapped Minor Waterway identified on the Waterway Corridor and Wetlands Overlay Map OM-14.01.

Performance outcomes	Acceptable outcomes	Comments
b. designed, constructed and managed to protect and enhance: i. in-stream and riparian habitat values of a Waterway corridors and wetlands area identified on Waterway corridors and wetlands overlay map OM-14.00; ii. safe wildlife movement and fish passage. Note - Planning scheme policy 3 - Environmental management provides guidance on how to achieve this outcome. Compliance with this performance outcome is to be demonstrated by an ecological assessment report prepared in accordance with part 2 of Planning scheme policy 3 - Environmental management.	b. prepares an ecological assessment report in accordance with part 2 of Planning scheme policy 3 - Environmental management that demonstrates how the development protects and enhances in-stream and riparian habitat values and results in no loss of connectivity which supports wildlife movement; c. protects and enhances the ecological function of a Waterway corridor and wetlands area in accordance with section 3.3.1 - Riparian corridor revegetation and weed control and section 3.3.2 - Waterway terrestrial and aquatic fauna movement of Planning scheme policy 3 - Environmental management.	As outlined in Section 4.5 of this EAR, the mapped Minor Water to be impacted has been highly modified by adjacent dwellings through a series of constructed dams, vegetation clearing, cattle grazing, and ongoing weed incursions. The proposed development retains the vast majority of the mapped Minor waterway within the proposed Environmental Open Space area, with the remaining portion (currently associated with a constructed dam to be replanted following construction of a detention basin. The rehabilitation planting proposed within the 15,100 m^2 of proposed Environmental Open Space area and the Detention / Drainage area will ensure that the ecosystem processes, water quality, function, scenic amenity and landscape values of the minor waterway are protected.
Natural hydrological and geomorphological processes		
PO3 Development is designed, constructed and managed to ensure: a. the natural hydrological and geomorphological processes of a Waterway corridors and wetlands area identified on Waterway corridors and wetlands overlay map OM-14.00 are maintained; b. where the natural hydrological and geomorphological processes are modified, the near natural hydrology is re-instated.	**AO3** Development is designed, constructed and managed to protect the natural hydrological and geomorphological processes of a Waterway corridors and wetlands area by: a. stabilising banks using native vegetation in accordance with section 3.3.1 - Riparian corridor revegetation and weed control and section 3.3.3 - Near-natural hydrology reinstatement works of Planning Scheme Policy 3 - Environmental Management;	**Development complies with PO3.** Development will impact 1,154 m2 of mapped Minor Waterway identified on the Waterway Corridor and Wetlands Overlay Map OM-14.01. As outlined in Section 4.5 of this EAR, the mapped Minor Water to be impacted has been highly modified by adjacent dwellings through a series of constructed dams, vegetation clearing, cattle grazing, and ongoing weed incursions.

Performance outcomes	Acceptable outcomes	Comments
	b. reinstating the near-natural hydrology in accordance with section 3.3.3 - Near-natural hydrology reinstatement works of Planning scheme policy 3 - Environmental management.	The proposed development retains most of the mapped Minor waterway within the proposed Environmental Open Space area, with the remaining portion (currently associated with a constructed dam to be replanted following construction of a detention basin. Proposed earthworks in the vicinity of the proposed detention basin have been designed to avoid impacting the on ground drainage line associated with the mapped Minor Waterway. Therefore, in combination with the proposed rehabilitation planting proposed within the Environmental Open Space area and the Detention / Drainage area, the design of the development will ensure that the natural hydrological processes of the Minor Waterway will be maintained.
Erosion prone area		
PO4 Development in an erosion prone area identified on Waterway corridors and wetlands overlay map OM-14.03 is for coastal dependent development, or temporary, readily relocatable or able-to-be-abandoned development.	**AO4** Development is not located in an erosion prone area identified on Waterway corridors and wetlands overlay map OM-14.03 unless the development: a. cannot be feasibly located elsewhere; b. is coastal dependent development, or temporary, readily relocatable or able-to-be-abandoned development.	**Development Complies with AO4** The proposed development is located outside of an erosion prone area shown on the Waterway and Wetland Overlay Map OM-14.03.
Water quality		
PO5 Development is designed, constructed and managed to protect water quality of a Waterway corridors and	**AO5** Development:	**Development complies with PO5.**

Performance outcomes	Acceptable outcomes	Comments
wetlands area identified on Waterway corridors and wetlands overlay map OM-14.00 by: a. providing vegetated buffers; b. incorporating water sensitive urban design principles having regard to: i. protecting water quality of surface and ground waters; ii. minimising sewage discharges to the natural environment; c. limiting discharge of sediments and pollutants into a Waterway corridors and wetlands area.	a. provides a vegetated riparian buffer in accordance with section 3.3.1 - Riparian corridor revegetation and weed control of Planning scheme policy 3 - Environmental management; b. provides effective erosion and sediment control in accordance with section 3.3 - Filling and excavation standards of Planning scheme policy 5 - Infrastructure; c. implements water sensitive urban design principles in accordance with section 3.6 - Stormwater infrastructure standards and section 3.7 - Landscaping standards of Planning scheme policy 5 - Infrastructure; d. excludes stock from a Waterway corridors and wetlands area by providing a permanent fence and gate and utilises off-stream stock watering points.	Development will impact 1,154 m2 of mapped Minor Waterway identified on the Waterway Corridor and Wetlands Overlay Map OM-14.01. As outlined in Section 4.5 of this EAR, the mapped Minor Water to be impacted has been highly modified by adjacent dwellings through a series of constructed dams, vegetation clearing, cattle grazing, and ongoing weed incursions. The proposed development retains most of the mapped Minor waterway within the proposed Environmental Open Space area, with the remaining portion (currently associated with a constructed dam to be replanted following construction of a detention basin. Proposed earthworks in the vicinity of the proposed detention basin have been designed to avoid impacting beyond the on ground 'top of bank of the drainage line associated with the mapped Minor Waterway. Therefore, in combination with the proposed rehabilitation planting proposed within the Environmental Open Space area and the Detention / Drainage area, the design of the development will ensure that the natural hydrological processes of the Minor Waterway will be maintained.
Access		
PO6	**AO6** Development provides:	**Development Complies with AO6**

Performance outcomes	Acceptable outcomes	Comments
Development provides for an integrated and publicly accessible network of waterways and wetlands to facilitate activation and maintenance of: a. a River waterway identified on Waterway corridors and wetlands overlay map OM-14.01, being the Albert River or Logan River where located within the urban footprint; b. a Major wetland identified on Waterway corridors and wetlands overlay map OM-14.02.	a. road access in the form of an access road or collector road to a River waterway, identified on Waterway corridors and wetlands overlay map OM-14.01, being the Albert River or Logan River, where the premise adjoins the River waterway and is located within the urban footprint; b. a pedestrian and cycle network along a Major wetland identified on Waterway corridors and wetlands overlay map OM-14.02 where the premises adjoins the Major wetland.	The site does not adjoin a River Waterway or Major Waterway identified on Waterway corridors and wetlands overlay map OM-14.01.
Tenure		
PO7 Development provides for tenure or management arrangements that facilitate the protection and enhancement of a Waterway corridors and wetlands.	**AO7** No acceptable outcome provided.	**Complies with AO7** The development proposed to dedicate the Environmental Open Space area to council following completion of rehabilitation planting works.

Appendix F

Tree Schedule

Tree Schedule v2 - Job 11382
62-84 Talinga Drive, Park Ridge (Quantum Investment Pty Ltd)
21/07/2023

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
1	*Corymbia intermedia*	Pink Bloodwood	270	90	285	89	13.0	4.0	3.4	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
2	*Corymbia intermedia*	Pink Bloodwood	190		190	60	10.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
3	*Corymbia intermedia*	Pink Bloodwood	190		190	60	9.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
4	*Eucalyptus racemosa*	Scribbly Gum	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
5	*Corymbia intermedia*	Pink Bloodwood	250		250	79	14.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
6	*Angophora leiocarpa*	Smooth-barked Apple	170		170	53	9.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
7	*Eucalyptus siderophloia*	Grey Ironbark	180		180	57	11.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
8	*Eucalyptus siderophloia*	Grey Ironbark	190		190	60	11.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
9	*Eucalyptus racemosa*	Scribbly Gum	520		520	163	16.0	9.0	6.2	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
10	*Corymbia intermedia*	Pink Bloodwood	580		580	182	19.0	11.0	7.0	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
11	*Corymbia intermedia*	Pink Bloodwood	510		510	160	18.0	12.0	6.1	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
12	*Corymbia intermedia*	Pink Bloodwood	150		150	47	5.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
13	*Eucalyptus racemosa*	Scribbly Gum	430		430	135	14.0	5.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
14	*Corymbia intermedia*	Pink Bloodwood	190		190	60	8.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
15	*Tipuana tipu*	Tipuana	290	260	389	122	8.0	5.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
16	*Syzygium australe*	Brush Cherry	230		230	72	4.0	2.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
17	*Syzygium oleosum*	Blue Lilly Pilly	240	200	312	98	8.0	5.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
18	*Syzygium australe*	Brush Cherry	110		110	35	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
19	*Brachychiton rupestris*	Narrow-leaved Bottle Tree	940		940	295	5.0	3.0	11.3	3.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
20	*Petalostigma pubescens*	Quinine Bush	390		390	123	7.0	5.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
21	*Dracaena reflexa*	Pleomele	160	140	213	67	4.0	2.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
22	*Syzygium luehmannii*	Small-leaved Lillipilli	160		160	50	4.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
23	*Citrus spp.*	Citrus Plant	120	120	170	53	3.0	2.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
24	*Citrus spp.*	Citrus Plant	140	130, 120, 120	256	80	3.0	2.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
25	*Plumeria sp.*	Frangipani	200	180, 120	295	93	4.0	4.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
26	*Eucalyptus racemosa*	Scribbly Gum	460		460	145	14.0	6.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
27	*Corymbia intermedia*	Pink Bloodwood	200		200	63	6.0	2.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
28	*Eucalyptus siderophloia*	Grey Ironbark	260		260	82	10.0	4.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
29	*Eucalyptus seeana*	Narrow-leaved Red Gum	380	290, 190	514	162	16.0	9.0	6.2	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
30	*Banksia integrifolia*	Coastal Banksia	340		340	107	6.0	2.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
31	*Corymbia trachyphloia*	Brown Bloodwood	190		190	60	6.0	2.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
32	*Corymbia intermedia*	Pink Bloodwood	550		550	173	16.0	11.0	6.6	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
33	*Corymbia intermedia*	Pink Bloodwood	190		190	60	5.0	2.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
34	*Eucalyptus crebra*	Narrow-leaved Ironbark	260		260	82	15.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
35	*Corymbia intermedia*	Pink Bloodwood	390		390	123	17.0	10.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
36	*Eucalyptus crebra*	Narrow-leaved Ironbark	350		350	110	16.0	9.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
37	*Handroanthus chrysotrichus*	Golden Trumpet Tree	150		150	47	4.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
38	*Handroanthus chrysotrichus*	Golden Trumpet Tree	150	110	186	58	3.0	2.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
39	*Corymbia intermedia*	Pink Bloodwood	440	130, 130	477	150	15.0	10.0	5.7	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
40	*Corymbia intermedia*	Pink Bloodwood	370		370	116	14.0	8.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
41	*Syagrus romanzoffiana*	Cocos Palm	240		240	75	6.0	3.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
42	*Banksia integrifolia*	Coastal Banksia	290		290	91	6.0	4.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
43	*Corymbia intermedia*	Pink Bloodwood	450		450	141	16.0	8.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
44	*Corymbia intermedia*	Pink Bloodwood	370	200, 190	462	145	14.0	8.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
45	*Artocarpus heterophyllus*	Jackfruit	210		210	66	6.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
46	*Corymbia intermedia*	Pink Bloodwood	390		390	123	15.0	5.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
47	*Eucalyptus racemosa*	Scribbly Gum	420		420	132	15.0	7.0	5.0	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
48	*Eucalyptus racemosa*	Scribbly Gum	800		800	251	22.0	14.0	9.6	3.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
49	*Buckinghamia celsissima*	Ivory Curl	320		320	101	6.0	6.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
50	*Corymbia intermedia*	Pink Bloodwood	530	180	560	176	16.0	9.0	6.7	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
51	*Petalostigma pubescens*	Quinine Bush	310		310	97	6.0	5.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
52	*Angophora leiocarpa*	Smooth-barked Apple	400		400	126	15.0	6.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
53	*Angophora leiocarpa*	Smooth-barked Apple	310		310	97	12.0	6.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
54	*Corymbia intermedia*	Pink Bloodwood	290		290	91	13.0	6.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
55	*Brachychiton acerifolius*	Flame Tree	150		150	47	4.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
56	*Corymbia intermedia*	Pink Bloodwood	280		280	88	11.0	5.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
57	*Macadamia integrifolia*	Macadamia Nut	240	240, 170, 150, 130	428	135	8.0	6.0	5.1	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
58	*Handroanthus chrysotrichus*	Golden Trumpet Tree	160		160	50	4.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
59	*Alphitonia excelsa*	Soap Tree	210		210	66	9.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
60	*Corymbia intermedia*	Pink Bloodwood	180		180	57	6.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
61	*Corymbia intermedia*	Pink Bloodwood	280		280	88	11.0	6.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
62	*Handroanthus chrysotrichus*	Golden Trumpet Tree	210		210	66	4.0	2.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
63	*Eucalyptus siderophloia*	Grey Ironbark	540		540	170	16.0	8.0	6.5	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
64	*Corymbia intermedia*	Pink Bloodwood	260	210	334	105	7.0	5.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
65	*Eucalyptus siderophloia*	Grey Ironbark	520		520	163	15.0	9.0	6.2	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
66	*Eucalyptus siderophloia*	Grey Ironbark	190		190	60	9.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
67	*Macadamia integrifolia*	Macadamia Nut	170	150, 150	272	85	6.0	4.0	3.3	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
68	*Corymbia intermedia*	Pink Bloodwood	380		380	119	14.0	8.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
69	*Citrus x sinensis*	Orange	170	130	214	67	3.0	3.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
70	*Corymbia intermedia*	Pink Bloodwood	190		190	60	8.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
71	*Eucalyptus racemosa*	Scribbly Gum	220		220	69	10.0	3.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
72	*Corymbia intermedia*	Pink Bloodwood	430		430	135	14.0	8.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
73	*Mangifera indica*	Mango	190		190	60	4.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
74	*Eucalyptus racemosa*	Scribbly Gum	745		745	234	17.0	12.0	8.9	2.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
75	*Angophora leiocarpa*	Smooth-barked Apple	260		260	82	8.0	4.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
76	*Mangifera indica*	Mango	180		180	57	4.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
77	*Mangifera indica*	Mango	200	170	262	82	4.0	3.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
78	*Mangifera indica*	Mango	190		190	60	5.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
79	*Corymbia intermedia*	Pink Bloodwood	390		390	123	14.0	9.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
80	*Mangifera indica*	Mango	320	190	372	117	5.0	5.0	4.5	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
81	*Mangifera indica*	Mango	320		320	101	6.0	58.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
82	*Mangifera indica*	Mango	320	260, 210	463	145	7.0	6.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
83	*Mangifera indica*	Mango	310		310	97	6.0	4.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
84	*Eucalyptus siderophloia*	Grey Ironbark	150		150	47	5.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
85	*Carya illinoinensis*	Pecan Nut	370		370	116	9.0	5.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
86	*Corymbia intermedia*	Pink Bloodwood	330	260, 220, 160	500	157	14.0	6.0	6.0	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
87	*Acacia disparrima*	Hickory Wattle	240		240	75	6.0	4.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
88	*Acacia disparrima*	Hickory Wattle	190	140, 110	260	82	6.0	4.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
89	*Corymbia trachyphloia*	Brown Bloodwood	270		270	85	10.0	3.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
90	*Acacia disparrima*	Hickory Wattle	170	110	202	64	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
91	*Acacia disparrima*	Hickory Wattle	140		140	44	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
92	*Corymbia intermedia*	Pink Bloodwood	120	120	170	53	6.0	2.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
93	*Eucalyptus siderophloia*	Grey Ironbark	210		210	66	9.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
94	*Eucalyptus racemosa*	Scribbly Gum	770		770	242	18.0	15.0	9.2	3.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Small	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
95	*Eucalyptus crebra*	Narrow-leaved Ironbark	120		120	38	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
96	*Eucalyptus crebra*	Narrow-leaved Ironbark	220		220	69	13.0	4.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termite nest	-	Remove
97	*Eucalyptus crebra*	Narrow-leaved Ironbark	110		110	35	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
98	*Eucalyptus crebra*	Narrow-leaved Ironbark	180		180	57	9.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
99	*Corymbia intermedia*	Pink Bloodwood	180		180	57	14.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
100	*Lophostemon suaveolens*	Swamp Box	130		130	41	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
101	*Lophostemon suaveolens*	Swamp Box	130		130	41	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
102	*Corymbia intermedia*	Pink Bloodwood	220		220	69	14.0	5.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
103	*Corymbia intermedia*	Pink Bloodwood	220		220	69	10.0	4.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
104	*Eucalyptus crebra*	Narrow-leaved Ironbark	210		210	66	14.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
105	*Lophostemon suaveolens*	Swamp Box	160		160	50	5.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
106	*Corymbia intermedia*	Pink Bloodwood	120		120	38	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
107	*Corymbia intermedia*	Pink Bloodwood	160		160	50	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
108	*Eucalyptus siderophloia*	Grey Ironbark	250		250	79	12.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
109	*Eucalyptus siderophloia*	Grey Ironbark	110		110	35	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
110	*Corymbia intermedia*	Pink Bloodwood	280		280	88	8.0	4.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
111	*Eucalyptus racemosa*	Scribbly Gum	450		450	141	14.0	5.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
112	*Corymbia intermedia*	Pink Bloodwood	170		170	53	8.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
113	*Corymbia intermedia*	Pink Bloodwood	300		300	94	15.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
114	*Corymbia intermedia*	Pink Bloodwood	110		110	35	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
115	*Corymbia intermedia*	Pink Bloodwood	140		140	44	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
116	*Eucalyptus siderophloia*	Grey Ironbark	240		240	75	14.0	5.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
117	*Petalostigma pubescens*	Quinine Bush	160		160	50	5.0	2.0	2.0	1.5	Regular	-	Thinning	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
118	*Petalostigma pubescens*	Quinine Bush	200		200	63	6.0	3.0	2.4	1.7	Regular	-	Thinning	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
119	**DEAD/STAG**		340		340	107	16.0	6.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
120	*Lophostemon suaveolens*	Swamp Box	370		370	116	15.0	6.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
121	*Acacia disparrima*	Hickory Wattle	180		180	57	5.0	2.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
122	*Brachychiton acerifolius*	Flame Tree	300		300	94	5.0	2.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
123	*Brachychiton acerifolius*	Flame Tree	200		200	63	5.0	2.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
124	*Citrus spp.*	Citrus Plant	120	120	170	53	3.0	2.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
125	*Brachychiton acerifolius*	Flame Tree	390		390	123	6.0	2.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
126	*Melaleuca quinquenervia*	Broad-leaved Paperbark	410	200	456	143	13.0	6.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
127	*Brachychiton acerifolius*	Flame Tree	270		270	85	5.0	2.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
128	*Livistona decora*	Cabbage-tree Palm	280		280	88	7.0	3.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
129	*Banksia integrifolia*	Coastal Banksia	290	280	403	127	6.0	3.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
130	*Melaleuca viminalis*	Weeping Bottlebrush	120	100	156	49	6.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
131	*Syzygium jambos*	Rose-apple	270	250, 230, 190	474	149	8.0	7.0	5.7	2.4	Regular	-	Thinning	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove
132	*Corymbia intermedia*	Pink Bloodwood	520		520	163	19.0	14.0	6.2	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
133	*Archontophoenix cunninghamiana*	Bangalow Palm	190		190	60	10.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
134	*Petalostigma pubescens*	Quinine Bush	130	120, 100	203	64	5.0	2.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
135	*Syzygium australe*	Brush Cherry	350	280	448	141	10.0	7.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
136	*Corymbia intermedia*	Pink Bloodwood	780		780	245	20.0	14.0	9.4	3.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Small	-	-	-	Remove
137	*Eucalyptus racemosa*	Scribbly Gum	460		460	145	16.0	12.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
138	*Syagrus romanzoffiana*	Cocos Palm	340		340	107	14.0	5.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
139	*Spathodea companulata*	African Tulip Tree	230		230	72	6.0	2.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
140	*Brachychiton acerifolius*	Flame Tree	320		320	101	7.0	3.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
141	*Corymbia intermedia*	Pink Bloodwood	380		380	119	19.0	14.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
142	*Corymbia intermedia*	Pink Bloodwood	260		260	82	16.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
143	*Corymbia intermedia*	Pink Bloodwood	160		160	50	13.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
144	*Corymbia intermedia*	Pink Bloodwood	360		360	113	16.0	10.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
145	*Corymbia intermedia*	Pink Bloodwood	150		150	47	8.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
146	*Corymbia intermedia*	Pink Bloodwood	170		170	53	10.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
147	*Corymbia intermedia*	Pink Bloodwood	240		240	75	12.0	5.0	2.9	1.8	Regular	-	-	Die-back	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
148	*Corymbia citriodora*	Spotted Gum	210		210	66	12.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
149	*Acacia disparrima*	Hickory Wattle	160		160	50	6.0	4.0	2.0	1.5	Regular	-	Thinning	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
150	*Eucalyptus racemosa*	Scribbly Gum	240		240	75	14.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
151	*Corymbia intermedia*	Pink Bloodwood	310		310	97	18.0	10.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
152	*Corymbia intermedia*	Pink Bloodwood	400		400	126	22.0	10.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
153	*Corymbia intermedia*	Pink Bloodwood	240		240	75	14.0	5.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
154	*Corymbia intermedia*	Pink Bloodwood	350		350	110	16.0	7.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
155	*Lophostemon suaveolens*	Swamp Box	120		120	38	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
156	*Lophostemon suaveolens*	Swamp Box	160		160	50	7.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
157	*Lophostemon suaveolens*	Swamp Box	170		170	53	5.0	2.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
158	*Lophostemon suaveolens*	Swamp Box	120		120	38	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
159	*Lophostemon suaveolens*	Swamp Box	120		120	38	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
160	*Corymbia intermedia*	Pink Bloodwood	160		160	50	9.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
161	*Corymbia intermedia*	Pink Bloodwood	260		260	82	14.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
162	*Corymbia intermedia*	Pink Bloodwood	200		200	63	12.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
163	*Corymbia intermedia*	Pink Bloodwood	360		360	113	13.0	5.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
164	*Lophostemon suaveolens*	Swamp Box	190		190	60	5.0	2.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
165	*Eucalyptus racemosa*	Scribbly Gum	1350		1350	424	25.0	16.0	15.0	3.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove
166	*Lophostemon suaveolens*	Swamp Box	120		120	38	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
167	*Lophostemon suaveolens*	Swamp Box	150		150	47	5.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
168	*Lophostemon suaveolens*	Swamp Box	150		150	47	6.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
169	*Lophostemon suaveolens*	Swamp Box	220		220	69	8.0	4.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
170	*Lophostemon suaveolens*	Swamp Box	160		160	50	9.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
171	*Lophostemon suaveolens*	Swamp Box	130		130	41	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
172	*Lophostemon suaveolens*	Swamp Box	150		150	47	5.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
173	*Lophostemon suaveolens*	Swamp Box	170	160	233	73	6.0	4.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
174	*Lophostemon suaveolens*	Swamp Box	140		140	44	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
175	*Allocasuarina littoralis*	Black She-oak	120		120	38	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
176	*Allocasuarina littoralis*	Black She-oak	140		140	44	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
177	*Angophora leiocarpa*	Smooth-barked Apple	410		410	129	18.0	9.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
178	*Syagrus romanzoffiana*	Cocos Palm	140		140	44	3.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
179	*Lophostemon suaveolens*	Swamp Box	130		130	41	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
180	*Lophostemon suaveolens*	Swamp Box	170		170	53	6.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
181	*Lophostemon suaveolens*	Swamp Box	190		190	60	7.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
182	*Corymbia intermedia*	Pink Bloodwood	130		130	41	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
183	*Syagrus romanzoffiana*	Cocos Palm	200		200	63	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
184	*Lophostemon suaveolens*	Swamp Box	180		180	57	9.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
185	*Lophostemon suaveolens*	Swamp Box	120		120	38	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
186	*Lophostemon suaveolens*	Swamp Box	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
187	*Lophostemon suaveolens*	Swamp Box	180		180	57	7.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
188	*Lophostemon suaveolens*	Swamp Box	110		110	35	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
189	*Allocasuarina littoralis*	Black She-oak	130		130	41	8.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
190	*Allocasuarina littoralis*	Black She-oak	190		190	60	10.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
191	**DEAD/STAG**		1060		1060	333	8.0	5.0	12.7	3.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove
192	*Eucalyptus racemosa*	Scribbly Gum	880		880	276	25.0	17.0	10.6	3.1	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
193	*Corymbia intermedia*	Pink Bloodwood	110		110	35	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
194	*Lophostemon suaveolens*	Swamp Box	110		110	35	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
195	*Acacia disparrima*	Hickory Wattle	230		230	72	8.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
196	*Acacia disparrima*	Hickory Wattle	160		160	50	8.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove
197	*Corymbia intermedia*	Pink Bloodwood	190		190	60	9.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
198	*Corymbia intermedia*	Pink Bloodwood	250		250	79	10.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
199	*Lophostemon suaveolens*	Swamp Box	310		310	97	12.0	5.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
200	*Angophora leiocarpa*	Smooth-barked Apple	150		150	47	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
201	*Corymbia intermedia*	Pink Bloodwood	240		240	75	15.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
202	*Eucalyptus siderophloia*	Grey Ironbark	270		270	85	21.0	9.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
203	*Lophostemon suaveolens*	Swamp Box	150		150	47	8.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
204	*Corymbia intermedia*	Pink Bloodwood	250		250	79	15.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
205	*Corymbia intermedia*	Pink Bloodwood	180		180	57	13.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
206	*Corymbia intermedia*	Pink Bloodwood	320		320	101	16.0	8.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
207	*Corymbia intermedia*	Pink Bloodwood	130		130	41	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
208	*Angophora leiocarpa*	Smooth-barked Apple	200		200	63	7.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
209	*Lophostemon suaveolens*	Swamp Box	180		180	57	8.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
210	*Corymbia intermedia*	Pink Bloodwood	210		210	66	10.0	3.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
211	**DEAD/STAG**		580		580	182	6.0	1.0	7.0	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove
212	*Lophostemon suaveolens*	Swamp Box	190		190	60	8.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
213	*Lophostemon suaveolens*	Swamp Box	120		120	38	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
214	*Corymbia intermedia*	Pink Bloodwood	180		180	57	3.0	2.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
215	**DEAD/STAG**		410		410	129	9.0	4.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
216	*Angophora leiocarpa*	Smooth-barked Apple	220		220	69	14.0	5.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
217	*Angophora leiocarpa*	Smooth-barked Apple	250		250	79	9.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
218	*Lophostemon suaveolens*	Swamp Box	130		130	41	6.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
219	*Alphitonia excelsa*	Soap Tree	190		190	60	8.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
220	*Corymbia intermedia*	Pink Bloodwood	240		240	75	15.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
221	*Lophostemon suaveolens*	Swamp Box	130		130	41	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
222	*Corymbia intermedia*	Pink Bloodwood	260		260	82	16.0	8.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
223	*Lophostemon suaveolens*	Swamp Box	130		130	41	12.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
224	*Syagrus romanzoffiana*	Cocos Palm	140		140	44	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
225	*Acacia disparrima*	Hickory Wattle	160		160	50	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
226	*Corymbia intermedia*	Pink Bloodwood	250		250	79	13.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
227	*Lophostemon suaveolens*	Swamp Box	140		140	44	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
228	*Lophostemon suaveolens*	Swamp Box	130		130	41	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
229	*Lophostemon suaveolens*	Swamp Box	100		100	31	6.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
230	*Corymbia intermedia*	Pink Bloodwood	260		260	82	13.0	3.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
231	*Corymbia intermedia*	Pink Bloodwood	160		160	50	12.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
232	*Lophostemon suaveolens*	Swamp Box	170		170	53	12.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
233	*Allocasuarina littoralis*	Black She-oak	160		160	50	11.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
234	*Acacia disparrima*	Hickory Wattle	220		220	69	11.0	5.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
235	*Angophora leiocarpa*	Smooth-barked Apple	180		180	57	13.0	5.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
236	*Angophora leiocarpa*	Smooth-barked Apple	210		210	66	13.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
237	*Acacia disparrima*	Hickory Wattle	250		250	79	9.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
238	*Acacia leiocalyx*	Early Flowering Black Wattle	150		150	47	6.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
239	*Lophostemon suaveolens*	Swamp Box	130		130	41	8.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
240	*Lophostemon suaveolens*	Swamp Box	140		140	44	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
241	*Alphitonia excelsa*	Soap Tree	170		170	53	9.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
242	*Lophostemon suaveolens*	Swamp Box	180		180	57	6.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
243	*Eucalyptus siderophloia*	Grey Ironbark	120		120	38	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
244	*Eucalyptus siderophloia*	Grey Ironbark	310		310	97	17.0	9.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
245	*Lophostemon suaveolens*	Swamp Box	130		130	41	3.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
246	*Melaleuca saligna*	White Bottlebrush	150		150	47	10.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
247	**DEAD/STAG**		260		260	82	9.0	3.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
248	*Corymbia intermedia*	Pink Bloodwood	200		200	63	6.0	2.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
249	*Corymbia intermedia*	Pink Bloodwood	270	230	355	111	14.0	6.0	4.3	2.1	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
250	*Corymbia intermedia*	Pink Bloodwood	190		190	60	7.0	2.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
251	*Corymbia intermedia*	Pink Bloodwood	160		160	50	8.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
252	*Lophostemon suaveolens*	Swamp Box	110		110	35	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
253	*Lophostemon suaveolens*	Swamp Box	170		170	53	10.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
254	*Handroanthus chrysotrichus*	Golden Trumpet Tree	300		300	94	10.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
255	*Annona squamosa*	Custard Apple	125	100, 105	191	60	3.0	4.0	2.3	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
256	*Handroanthus chrysotrichus*	Golden Trumpet Tree	185		185	58	3.0	2.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
257	*Corymbia intermedia*	Pink Bloodwood	360		360	113	15.0	7.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
258	*Alphitonia excelsa*	Soap Tree	300		300	94	14.0	6.0	3.6	2.0	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
259	*Feijoa sellowiana*	Feijoa	105	100, 90, 100	198	62	3.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
260	*Acacia disparrima*	Hickory Wattle	350		350	110	9.0	7.0	4.2	2.1	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove
261	*Eucalyptus seeana*	Narrow-leaved Red Gum	320	255	409	129	14.0	9.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
262	*Eucalyptus seeana*	Narrow-leaved Red Gum	150		150	47	7.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
263	*Averrhoa carambola*	Star Fruit	120	100, 90, 80	197	62	4.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
264	*Jacaranda mimosifolia*	Jacaranda	270	275, 280, 135, 325, 215, 240	674	212	10.0	12.0	8.1	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
265	**DEAD/STAG**		145		145	46	9.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
266	*Eriobotrya japonica*	Loquat	100		100	31	3.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
267	*Eriobotrya japonica*	Loquat	145	115	185	58	3.0	2.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
268	*Eriobotrya japonica*	Loquat	105	85	135	42	3.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
269	*Eucalyptus racemosa*	Scribbly Gum	935		935	294	19.0	11.0	11.2	3.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
270	*Pinus elliotii*	Slash Pine	405		405	127	15.0	7.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
271	*Flindersia australis*	Crows Ash	200	250	320	101	9.0	5.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
272	*Syagrus romanzoffiana*	Cocos Palm	240		240	75	11.0	7.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
273	*Syagrus romanzoffiana*	Cocos Palm	200		200	63	8.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
274	*Dracaena marginata*	Dragon Tree	200	200, 100, 120, 100	338	106	4.0	3.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
275	*Archontophoenix alexandrae*	Alexander Palm	180		180	57	8.0	5.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
276	*Syagrus romanzoffiana*	Cocos Palm	300		300	94	10.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
277	*Syagrus romanzoffiana*	Cocos Palm	260		260	82	10.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
278	*Archontophoenix alexandrae*	Alexander Palm	200		200	63	8.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
279	*Corymbia intermedia*	Pink Bloodwood	800		800	251	16.0	10.0	9.6	3.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
280	*Corymbia intermedia*	Pink Bloodwood	220	130	256	80	11.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
281	*Syagrus romanzoffiana*	Cocos Palm	300		300	94	15.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
282	*Syagrus romanzoffiana*	Cocos Palm	300		300	94	12.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
283	*Archontophoenix alexandrae*	Alexander Palm	200		200	63	8.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
284	*Spathodea companulata*	African Tulip Tree	360		360	113	10.0	4.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
285	*Syagrus romanzoffiana*	Cocos Palm	260		260	82	9.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
286	*Spathodea companulata*	African Tulip Tree	280		280	88	9.0	4.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
287	*Caryota urens*	Fishtail Palm	100	100, 90, 90	190	60	5.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
288	*Syagrus romanzoffiana*	Cocos Palm	300		300	94	10.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
289	*Syagrus romanzoffiana*	Cocos Palm	300		300	94	10.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
290	*Syagrus romanzoffiana*	Cocos Palm	260		260	82	10.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
291	*Cupaniopsis anacardioides*	Tuckeroo	300		300	94	5.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
292	*Eucalyptus racemosa*	Scribbly Gum	995		995	313	20.0	16.0	11.9	3.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
293	*Planted introduced species*	Planted Species	215	135	254	80	7.0	4.0	3.0	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
294	*Annona squamosa*	Custard Apple	115	80	140	44	2.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
295	*Annona squamosa*	Custard Apple	190		190	60	7.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
296	*Eriobotrya japonica*	Loquat	215	160, 150	307	96	7.0	4.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
297	*Eriobotrya japonica*	Loquat	110	100	149	47	4.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
298	*Banksia integrifolia*	Coastal Banksia	375		375	118	10.0	5.0	4.5	2.2	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
299	**DEAD/STAG**		285		285	90	10.0	6.0	3.4	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
300	*Corymbia intermedia*	Pink Bloodwood	325		325	102	15.0	7.0	3.9	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
301	*Delonix regia*	Poinciana	325		325	102	8.0	9.0	3.9	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
302	*Delonix regia*	Poinciana	400		400	126	9.0	10.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
303	*Spathodea companulata*	African Tulip Tree	250		250	79	10.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
304	*Eucalyptus racemosa*	Scribbly Gum	675		675	212	15.0	10.0	8.1	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
305	*Corymbia intermedia*	Pink Bloodwood	210	205	293	92	16.0	7.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
306	*Angophora leiocarpa*	Smooth-barked Apple	210		210	66	12.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
307	*Angophora leiocarpa*	Smooth-barked Apple	100		100	31	9.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
308	*Corymbia intermedia*	Pink Bloodwood	190	90	210	66	12.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
309	*Angophora leiocarpa*	Smooth-barked Apple	300		300	94	14.0	6.0	3.6	2.0	Irregular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
310	*Plumeria sp.*	Frangipani	115	100, 90	177	56	3.0	5.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
311	*Mangifera indica*	Mango	235	125	266	84	4.0	5.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
312	*Corymbia intermedia*	Pink Bloodwood	115		115	36	9.0	4.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
313	*Alphitonia excelsa*	Soap Tree	190		190	60	11.0	6.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
314	*Acacia disparrima*	Hickory Wattle	180		180	57	9.0	6.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
315	*Corymbia intermedia*	Pink Bloodwood	275	150	313	98	15.0	7.0	3.8	2.0	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
316	*Acacia disparrima*	Hickory Wattle	130		130	41	10.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
317	*Lophostemon suaveolens*	Swamp Box	145		145	46	9.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
318	*Corymbia intermedia*	Pink Bloodwood	350		350	110	16.0	10.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
319	*Corymbia intermedia*	Pink Bloodwood	695		695	218	17.0	10.0	8.3	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
320	*Alphitonia excelsa*	Soap Tree	255		255	80	10.0	6.0	3.1	1.9	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
321	*Melaleuca saligna*	White Bottlebrush	175		175	55	10.0	3.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
322	*Lophostemon suaveolens*	Swamp Box	205		205	64	10.0	3.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
323	*Corymbia intermedia*	Pink Bloodwood	190		190	60	10.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
324	*Corymbia intermedia*	Pink Bloodwood	235		235	74	11.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
325	*Petalostigma pubescens*	Quinine Bush	160	150	219	69	9.0	4.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
326	*Alphitonia excelsa*	Soap Tree	180		180	57	11.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
327	*Alphitonia excelsa*	Soap Tree	205		205	64	11.0	4.0	2.5	1.7	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
328	*Eucalyptus siderophloia*	Grey Ironbark	185		185	58	12.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
329	*Acacia disparrima*	Hickory Wattle	215		215	68	11.0	4.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
330	*Eucalyptus siderophloia*	Grey Ironbark	885		885	278	20.0	14.0	10.6	3.1	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
331	*Banksia integrifolia*	Coastal Banksia	135	115	177	56	4.0	4.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
332	*Corymbia intermedia*	Pink Bloodwood	260		260	82	12.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
333	*Eucalyptus siderophloia*	Grey Ironbark	250		250	79	16.0	7.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
334	*Eucalyptus racemosa*	Scribbly Gum	665		665	209	17.0	10.0	8.0	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
335	*Corymbia intermedia*	Pink Bloodwood	155		155	49	8.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
336	*Petalostigma pubescens*	Quinine Bush	210		210	66	3.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
337	*Eucalyptus siderophloia*	Grey Ironbark	325		325	102	14.0	6.0	3.9	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
338	*Corymbia intermedia*	Pink Bloodwood	160		160	50	10.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
339	*Eucalyptus racemosa*	Scribbly Gum	115		115	36	9.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						Retention
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	
340	*Eucalyptus siderophloia*	Grey Ironbark	360		360	113	16.0	7.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
341	*Eucalyptus siderophloia*	Grey Ironbark	565		565	177	18.0	11.0	6.8	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
342	*Pinus elliotii*	Slash Pine	430		430	135	15.0	7.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
343	*Corymbia intermedia*	Pink Bloodwood	220		220	69	15.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
344	*Planted introduced species*	Planted Species	110	90	142	45	3.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
345	*Delonix regia*	Poinciana	300		300	94	8.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
346	*Plumeria sp.*	Frangipani	140	110	178	56	4.0	5.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
347	*Plumeria sp.*	Frangipani	140	200	244	77	4.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
348	*Petalostigma pubescens*	Quinine Bush	185		185	58	7.0	5.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
349	*Cereus spp.*	Cactus	260	220	341	107	5.0	5.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
350	*Cereus spp.*	Cactus	270	220, 280, 260	517	162	8.0	8.0	6.2	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
351	*Petalostigma pubescens*	Quinine Bush	280		280	88	9.0	9.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
352	*Syagrus romanzoffiana*	Cocos Palm	225		225	71	9.0	8.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
353	*Phoenix dactylifera*	Date Palm	120		120	38	3.0	1.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
354	*Dracaena marginata*	Dragon Tree	180	160, 190, 120, 100	344	108	8.0	6.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
355	*Syagrus romanzoffiana*	Cocos Palm	220		220	69	11.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
356	*Carya illinoinensis*	Pecan Nut	140		140	44	8.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
357	*Corymbia ptychocarpa*	Swamp Bloodwood	260	120, 110	307	96	10.0	5.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
358	*Livistona decora*	Cabbage-tree Palm	330		330	104	3.0	2.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
359	*Brachychiton acerifolius*	Flame Tree	215		215	68	10.0	5.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
360	*Petalostigma pubescens*	Quinine Bush	205		205	64	5.0	3.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
361	*Araucaria bidwillii*	Bunya Pine	400		400	126	15.0	7.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
362	*Corymbia intermedia*	Pink Bloodwood	200		200	63	15.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
363	**DEAD/STAG**		200		200	63	5.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove
364	*Syagrus romanzoffiana*	Cocos Palm	200		200	63	9.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
365	*Syagrus romanzoffiana*	Cocos Palm	140		140	44	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
366	*Syagrus romanzoffiana*	Cocos Palm	120		120	38	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
367	*Syagrus romanzoffiana*	Cocos Palm	140		140	44	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
368	*Syagrus romanzoffiana*	Cocos Palm	260		260	82	14.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
369	*Syagrus romanzoffiana*	Cocos Palm	130		130	41	5.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
370	*Syagrus romanzoffiana*	Cocos Palm	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
371	*Lophostemon suaveolens*	Swamp Box	130		130	41	11.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
372	*Lophostemon suaveolens*	Swamp Box	130		130	41	9.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
373	*Lophostemon suaveolens*	Swamp Box	280	210	350	110	14.0	6.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
374	*Syagrus romanzoffiana*	Cocos Palm	150		150	47	5.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
375	*Lophostemon suaveolens*	Swamp Box	180	135	225	71	11.0	4.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
376	*Schizolobium parahyba*	Brazilian Firetree	135	115, 115, 90	230	72	6.0	4.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
377	*Lophostemon suaveolens*	Swamp Box	190		190	60	10.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
378	*Lophostemon suaveolens*	Swamp Box	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
379	*Lophostemon suaveolens*	Swamp Box	130		130	41	11.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
380	**DEAD/STAG**		140		140	44	8.0	1.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
381	*Angophora leiocarpa*	Smooth-barked Apple	105		105	33	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove
382	**DEAD/STAG**		100		100	31	7.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
383	*Syagrus romanzoffiana*	Cocos Palm	185		185	58	10.0	6.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
384	*Lophostemon suaveolens*	Swamp Box	115		115	36	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
385	*Allocasuarina littoralis*	Black She-oak	180		180	57	9.0	2.0	2.2	1.6	Regular	-	-	-	-	Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
386	*Angophora leiocarpa*	Smooth-barked Apple	155		155	49	13.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
387	*Acacia leiocalyx*	Early Flowering Black Wattle	160		160	50	13.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
388	*Acacia leiocalyx*	Early Flowering Black Wattle	120		120	38	8.0	3.0	2.0	1.4	Regular	-	-	Die-back	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
389	*Eucalyptus racemosa*	Scribbly Gum	1000		1000	314	22.0	15.0	12.0	3.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
390	*Corymbia intermedia*	Pink Bloodwood	165		165	52	12.0	5.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
391	*Eucalyptus siderophloia*	Grey Ironbark	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
392	*Lophostemon suaveolens*	Swamp Box	215		215	68	12.0	4.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
393	**DEAD/STAG**		190		190	60	14.0	5.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
394	*Lophostemon suaveolens*	Swamp Box	140		140	44	10.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
395	*Melaleuca saligna*	White Bottlebrush	115		115	36	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
396	*Eucalyptus seeana*	Narrow-leaved Red Gum	270		270	85	15.0	6.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
397	*Lophostemon suaveolens*	Swamp Box	105		105	33	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
398	*Lophostemon suaveolens*	Swamp Box	100		100	31	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
399	*Lophostemon suaveolens*	Swamp Box	110	80	136	43	10.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
400	*Corymbia intermedia*	Pink Bloodwood	185		185	58	10.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	Termite nest	-	Remove
401	*Eucalyptus racemosa*	Scribbly Gum	300		300	94	16.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
402	*Lophostemon suaveolens*	Swamp Box	130		130	41	10.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
403	*Corymbia intermedia*	Pink Bloodwood	245		245	77	15.0	7.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
404	*Grevillea robusta*	Silky Oak	295		295	93	16.0	7.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
405	*Jagera pseudorhus*	Foam Bark	405		405	127	16.0	12.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
406	*Cupaniopsis anacardioides*	Tuckeroo	255		255	80	9.0	5.0	3.1	1.9	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
407	*Cupaniopsis anacardioides*	Tuckeroo	300		300	94	9.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
408	*Tipuana tipu*	Tipuana	620		620	195	16.0	15.0	7.4	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
409	*Syagrus romanzoffiana*	Cocos Palm	220		220	69	10.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
410	*Phoenix dactylifera*	Date Palm	550		550	173	8.0	6.0	6.6	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
411	*Dracaena marginata*	Dragon Tree	180	160	241	76	5.0	4.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
412	*Petalostigma pubescens*	Quinine Bush	120	90, 80	170	53	5.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
413	*Syagrus romanzoffiana*	Cocos Palm	220		220	69	10.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
414	*Syagrus romanzoffiana*	Cocos Palm	250		250	79	10.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
415	*Syagrus romanzoffiana*	Cocos Palm	220		220	69	10.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
416	*Angophora leiocarpa*	Smooth-barked Apple	550		550	173	16.0	14.0	6.6	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
417	*Syagrus romanzoffiana*	Cocos Palm	140		140	44	5.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
418	*Syagrus romanzoffiana*	Cocos Palm	145		145	46	7.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
419	*Syagrus romanzoffiana*	Cocos Palm	120		120	38	7.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
420	*Syagrus romanzoffiana*	Cocos Palm	155		155	49	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
421	*Lophostemon suaveolens*	Swamp Box	100		100	31	8.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
422	*Lophostemon suaveolens*	Swamp Box	105		105	33	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
423	**DEAD/STAG**		230		230	72	13.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
424	*Lophostemon suaveolens*	Swamp Box	230		230	72	14.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
425	*Lophostemon suaveolens*	Swamp Box	175	105	204	64	10.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
426	*Lophostemon suaveolens*	Swamp Box	170		170	53	15.0	6.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
427	*Eucalyptus racemosa*	Scribbly Gum	240		240	75	15.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
428	*Acacia leiocalyx*	Early Flowering Black Wattle	150		150	47	10.0	6.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
429	*Eucalyptus tereticornis*	Forest Red Gum	245		245	77	16.0	7.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
430	*Corymbia intermedia*	Pink Bloodwood	180		180	57	15.0	6.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
431	*Lophostemon suaveolens*	Swamp Box	250		250	79	15.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
432	**DEAD/STAG**		685		685	215	20.0	15.0	8.2	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	Termite nest	-	Remove
433	**DEAD/STAG**		1045		1045	328	8.0	1.0	12.5	3.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove
434	*Eucalyptus racemosa*	Scribbly Gum	910		910	286	24.0	16.0	10.9	3.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
435	**DEAD/STAG**		1115		1115	350	12.0	3.0	13.4	3.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove
436	*Corymbia intermedia*	Pink Bloodwood	170		170	53	13.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
437	*Eucalyptus major*	Grey Gum	145	120	188	59	9.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
438	*Allocasuarina littoralis*	Black She-oak	255		255	80	5.0	4.0	3.1	1.9	Regular	-	-	-	-	Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
439	*Corymbia intermedia*	Pink Bloodwood	155		155	49	12.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
440	*Petalostigma pubescens*	Quinine Bush	170	95	195	61	6.0	5.0	2.3	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
441	*Corymbia intermedia*	Pink Bloodwood	145		145	46	11.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
442	*Corymbia intermedia*	Pink Bloodwood	155		155	49	11.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
443	*Corymbia intermedia*	Pink Bloodwood	145		145	46	11.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
444	*Spathodea companulata*	African Tulip Tree	220	175	281	88	9.0	6.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
445	*Corymbia intermedia*	Pink Bloodwood	140		140	44	11.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
446	*Petalostigma pubescens*	Quinine Bush	170	145	223	70	9.0	5.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
447	*Allocasuarina littoralis*	Black She-oak	105		105	33	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
448	*Eucalyptus seeana*	Narrow-leaved Red Gum	200		200	63	11.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	Introduced	-	-	Typical	-	-	-	-	-	-	Remove
449	*Corymbia intermedia*	Pink Bloodwood	140		140	44	11.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
450	*Allocasuarina littoralis*	Black She-oak	210		210	66	12.0	5.0	2.5	1.7	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
451	**DEAD/STAG**		750		750	236	15.0	8.0	9.0	2.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Large	-	-	-	Remove
452	*Corymbia intermedia*	Pink Bloodwood	110		110	35	9.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
453	*Acacia leiocalyx*	Early Flowering Black Wattle	135		135	42	9.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
454	*Eucalyptus siderophloia*	Grey Ironbark	255		255	80	15.0	7.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
455	*Eucalyptus seeana*	Narrow-leaved Red Gum	200		200	63	13.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
456	*Acacia leiocalyx*	Early Flowering Black Wattle	185		185	58	10.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
457	*Corymbia intermedia*	Pink Bloodwood	330	160	367	115	16.0	10.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
458	*Eucalyptus siderophloia*	Grey Ironbark	290		290	91	19.0	10.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
459	*Acacia disparrima*	Hickory Wattle	125		125	39	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
460	*Eucalyptus siderophloia*	Grey Ironbark	140		140	44	14.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
461	*Lophostemon suaveolens*	Swamp Box	130		130	41	11.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
462	*Allocasuarina littoralis*	Black She-oak	210		210	66	9.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
463	*Eucalyptus siderophloia*	Grey Ironbark	105		105	33	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
464	*Corymbia intermedia*	Pink Bloodwood	110		110	35	8.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
465	*Eucalyptus siderophloia*	Grey Ironbark	320		320	101	24.0	12.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
466	*Eucalyptus seeana*	Narrow-leaved Red Gum	145		145	46	7.0	1.0	2.0	1.5	Regular	-	-	-	-	Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
467	*Lophostemon suaveolens*	Swamp Box	160	150	219	69	11.0	5.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
468	*Corymbia intermedia*	Pink Bloodwood	260		260	82	16.0	7.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
469	*Alphitonia excelsa*	Soap Tree	125		125	39	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
470	*Lophostemon suaveolens*	Swamp Box	160		160	50	9.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
471	*Eucalyptus siderophloia*	Grey Ironbark	370		370	116	21.0	11.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
472	*Araucaria cunninghamii*	Hoop Pine	315		315	99	14.0	5.0	3.8	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
473	*Melaleuca saligna*	White Bottlebrush	115		115	36	7.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
474	*Eucalyptus siderophloia*	Grey Ironbark	200		200	63	14.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
475	*Corymbia intermedia*	Pink Bloodwood	190		190	60	14.0	5.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
476	*Corymbia intermedia*	Pink Bloodwood	135		135	42	9.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
477	*Angophora leiocarpa*	Smooth-barked Apple	300		300	94	18.0	11.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
478	*Lophostemon suaveolens*	Swamp Box	145		145	46	9.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
479	*Corymbia intermedia*	Pink Bloodwood	180		180	57	14.0	6.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
480	*Lophostemon suaveolens*	Swamp Box	115		115	36	8.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
481	*Lophostemon suaveolens*	Swamp Box	140		140	44	9.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
482	*Lophostemon suaveolens*	Swamp Box	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
483	*Eucalyptus siderophloia*	Grey Ironbark	350		350	110	17.0	10.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
484	*Lophostemon suaveolens*	Swamp Box	145		145	46	10.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
485	*Corymbia intermedia*	Pink Bloodwood	470		470	148	16.0	10.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
486	*Eucalyptus racemosa*	Scribbly Gum	590		590	185	17.0	7.0	7.1	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
487	*DEAD/STAG*		350		350	110	22.0	8.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retention subject to road dedication
488	*Morus alba*	Mulberry	180		180	57	5.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
489	*Lovoa trichilioides*	African Walnut	130	100	164	52	6.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
490	*Angophora leiocarpa*	Smooth Barked Apple	260		260	82	16.0	6.0	3.1	1.9	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retention subject to road dedication
491	*Eucalyptus major*	Grey Gum	230		230	72	14.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retention subject to road dedication
492	*Pinus elliotii*	Slash Pine	370		370	116	28.0	8.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
493	*Pinus elliotii*	Slash Pine	350		350	110	28.0	10.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
494	*Pinus elliotii*	Slash Pine	450		450	141	30.0	12.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
495	*Pinus elliotii*	Slash Pine	230		230	72	8.0	3.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
496	*Eucalyptus tereticornis*	Forest Red Gum	370		370	116	24.0	8.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
497	*Eucalyptus tereticornis*	Forest Red Gum	350		350	110	23.0	14.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retention subject to road dedication
498	*Eucalyptus tereticornis*	Forest Red Gum	490		490	154	22.0	11.0	5.9	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
499	*Eucalyptus tereticornis*	Forest Red Gum	320		320	101	18.0	7.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
500	*DEAD/STAG*		690		690	217	10.0	5.0	8.3	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retain
501	*Eucalyptus tereticornis*	Forest Red Gum	900		900	283	30.0	20.0	10.8	3.2	Regular	-	-	Die-back	-	-	Typical	-	-	unk Dm	-	Typical	-	-	Yes	-	-	-	Retain
502	*DEAD/STAG*		430		430	135	7.0	1.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retain
503	*Eucalyptus tindaliae*	Tindale's Stringybark	370	320, 240, 230	591	186	15.0	7.0	7.1	2.7	Regular	-	-	-	picorm	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Retain
504	*DEAD/STAG*		320		320	101	12.0	3.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retain
505	*DEAD/STAG*		510		510	160	18.0	8.0	6.1	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
506	*Eucalyptus seeana*	Narrow Leaved Gum	320		320	101	15.0	6.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
507	*Eucalyptus seeana*	Narrow Leaved Gum	310		310	97	10.0	6.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
508	*Corymbia intermedia*	Pink Bloodwood	280		280	88	16.0	10.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
509	*DEAD/STAG*		600		600	188	14.0	4.0	7.2	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retain
510	*Corymbia intermedia*	Pink Bloodwood	200		200	63	14.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
511	*Corymbia trachyphloia*	Brown Bloodwood	190		190	60	10.0	6.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
512	*Corymbia trachyphloia*	Brown Bloodwood	200		200	63	10.0	6.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
513	*Corymbia trachyphloia*	Brown Bloodwood	330		330	104	18.0	12.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
514	*Corymbia trachyphloia*	Brown Bloodwood	320		320	101	22.0	12.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
515	*Corymbia trachyphloia*	Brown Bloodwood	320		320	101	18.0	10.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
516	*Corymbia trachyphloia*	Brown Bloodwood	270		270	85	18.0	10.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
517	*Corymbia trachyphloia*	Brown Bloodwood	210		210	66	17.0	6.0	2.5	1.7	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
518	*Corymbia trachyphloia*	Brown Bloodwood	250		250	79	10.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
519	*Pinus elliotii*	Slash Pine	370		370	116	27.0	12.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
520	*Pinus elliotii*	Slash Pine	350		350	110	27.0	12.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
521	*Corymbia trachyphloia*	Brown Bloodwood	380		380	119	20.0	8.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
522	*Eucalyptus tereticornis*	Forest Red Gum	230		230	72	10.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
523	*Grevillea robusta*	Silky Oak	410		410	129	20.0	8.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
524	*Corymbia trachyphloia*	Brown Bloodwood	380		380	119	15.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
525	*Grevillea robusta*	Silky Oak	420		420	132	18.0	8.0	5.0	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
526	*Adansonia gregorii*	Boab	320		320	101	8.0	4.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
527	*Corymbia trachyphloia*	Brown Bloodwood	230		230	72	14.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
528	*Acacia disparrima*	Hickory Wattle	500		500	157	8.0	5.0	6.0	2.5	Regular	-	-	-	-	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Retain
529	*Lophostemon suaveolens*	Swamp Box	130	130	184	58	6.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Retain
530	*Corymbia trachyphloia*	Brown Bloodwood	380		380	119	16.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
531	*Corymbia trachyphloia*	Brown Bloodwood	300		300	94	6.0	7.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
532	*Corymbia trachyphloia*	Brown Bloodwood	270	260	375	118	16.0	6.0	4.5	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
533	*Lophostemon suaveolens*	Swamp Box	260		260	82	12.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Retain
534	*Eucalyptus seeana*	Narrow Leaved Gum	350		350	110	8.0	6.0	4.2	2.1	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
535	*Corymbia trachyphloia*	Brown Bloodwood	370		370	116	14.0	8.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
536	*Eucalyptus racemosa*	Scribbly Gum	240		240	75	10.0	5.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
537	*Eucalyptus racemosa*	Scribbly Gum	430		430	135	16.0	7.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
538	*Corymbia intermedia*	Pink Bloodwood	150		150	47	7.0	4.0	2.0	1.5	One-sided	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Retain
539	*Eucalyptus racemosa*	Scribbly Gum	330		330	104	15.0	8.0	4.0	2.1	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
540	*Melaleuca quinquenervia*	Broad-leaved Paperbark	220		220	69	10.0	5.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
541	*Eucalyptus racemosa*	Scribbly Gum	260		260	82	8.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
542	*Lophostemon suaveolens*	Swamp Box	250		250	79	7.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Retain
543	*Eucalyptus racemosa*	Scribbly Gum	480		480	151	18.0	12.0	5.8	2.4	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
544	*Corymbia intermedia*	Pink Bloodwood	350		350	110	12.0	7.0	4.2	2.1	One-sided	-	-	Die-back	picorm	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
545	*Corymbia trachyphloia*	Brown Bloodwood	450	230	505	159	18.0	7.0	6.1	2.5	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
546	*Corymbia trachyphloia*	Brown Bloodwood	330		330	104	18.0	8.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
547	*Corymbia trachyphloia*	Brown Bloodwood	390		390	123	20.0	10.0	4.7	2.2	Regular	-	-	Die-back	picorm	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
548	*Eucalyptus seeana*	Narrow Leaved Gum	400	340	525	165	16.0	7.0	6.3	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
549	*Eucalyptus seeana*	Narrow Leaved Gum	300		300	94	18.0	8.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
550	*Eucalyptus tereticornis*	Forest Red Gum	250		250	79	16.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
551	*Eucalyptus racemosa*	Scribbly Gum	260		260	82	16.0	8.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
552	*Eucalyptus racemosa*	Scribbly Gum	190		190	60	12.0	6.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
553	*Eucalyptus tereticornis*	Forest Red Gum	380		380	119	18.0	10.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
554	*Eucalyptus racemosa*	Scribbly Gum	430		430	135	16.0	10.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
555	*Corymbia intermedia*	Pink Bloodwood	490	230	541	170	20.0	12.0	6.5	2.6	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
556	*Eucalyptus racemosa*	Scribbly Gum	330		330	104	10.0	7.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
557	*Eucalyptus racemosa*	Scribbly Gum	660		660	207	16.0	10.0	7.9	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
558	*Corymbia intermedia*	Pink Bloodwood	270		270	85	10.0	7.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
559	*Melaleuca quinquenervia*	Broad-leaved Paperbark	330	120	351	110	6.0	3.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
560	*Eucalyptus racemosa*	Scribbly Gum	180		180	57	7.0	4.0	2.2	1.6	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
561	*Melaleuca quinquenervia*	Broad-leaved Paperbark	300		300	94	8.0	4.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Retain
562	*Melaleuca quinquenervia*	Broad-leaved Paperbark	290		290	91	12.0	3.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Retain
563	*Archontophoenix alexandrae*	Alexandra Palm	200		200	63	12.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
564	*Corymbia trachyphloia*	Brown Bloodwood	350		350	110	22.0	12.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
565	*Archontophoenix alexandrae*	Alexandra Palm	170		170	53	7.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
566	*Eucalyptus propinqua*	Grey Gum	150	150	212	67	7.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove
567	*Archontophoenix alexandrae*	Alexandra Palm	180		180	57	8.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
568	*Melaleuca viminalis*	Weeping Bottlebrush	230		230	72	7.0	3.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
569	*Archontophoenix alexandrae*	Alexandra Palm	200		200	63	7.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
570	*Archontophoenix alexandrae*	Alexandra Palm	190		190	60	7.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
571	*Corymbia citriodora*	Spotted Gum	350		350	110	18.0	6.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
572	*Brachychiton acerifolius*	Illawara Flame Tree	330		330	104	12.0	7.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
573	*Archontophoenix alexandrae*	Alexandra Palm	200		200	63	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
574	*Brachychiton australis*	Broad-leaved Bottletree	310		310	97	8.0	6.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
575	*Brachychiton australis*	Broad-leaved Bottletree	190		190	60	7.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
576	*Hibiscus tiliaceus*	Sea Hibiscus	160		160	50	10.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
577	*Hibiscus tiliaceus*	Sea Hibiscus	230		230	72	5.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
578	*Tamarindus indica*	Tamarind	210		210	66	10.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
579	*Ficus benjamina*	Weeping Fig	340	340	481	151	12.0	11.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
580	*Lophostemon confertus*	Brush Box	320		320	101	12.0	7.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
581	*Citrus aurantium*	Bitter Orange	190		190	60	5.0	3.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
582	*Ribes nigrum*	Blackcurrant tree	130	130	184	58	5.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
583	*Melaleuca quinquenervia*	Broad-leaved Paperbark	410	270	491	154	8.0	5.0	5.9	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
584	*Acacia concurrens*	Black Wattle	170		170	53	5.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
585	*Castanospermum australe*	Blackbean	200	190	276	87	8.0	4.0	3.3	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
586	*Castanospermum australe*	Blackbean	120		120	38	6.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
587	*Ribes nigrum*	Blackcurrant tree	170	130	214	67	4.0	4.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
588	*Brachychiton rupestris*	Narrow-leaved bottle tree	1025		1025	322	15.0	8.0	12.3	3.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
589	*Eugenia uniflora*	Brazilian Cherry / Surinam Ch	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
590	*Eugenia uniflora*	Brazilian Cherry / Surinam Ch	160	140	213	67	7.0	4.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
591	*Schinus terebinthifolius*	Broadleaf Pepper Tree	220		220	69	5.0	3.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
592	*Schinus terebinthifolius*	Broadleaf Pepper Tree	140	130	191	60	5.0	3.0	2.3	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
593	*Araucaria bidwillii*	Bunya Pine	680		680	214	20.0	10.0	8.2	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
594	*Araucaria bidwillii*	Bunya Pine	220		220	69	14.0	7.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
595	*Grevillea robusta*	Silky Oak	300		300	94	12.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
596	*Callitris glaucophylla*	Cypress Pine	220		220	69	7.0	2.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
597	*Cinnamomum camphora*	Camphor Laurel	360	340, 290, 220, 200	646	203	8.0	7.0	7.8	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
598	*Cinnamomum camphora*	Camphor Laurel	470	350, 300	658	207	10.0	7.0	7.9	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
599	*Aleurites moluccanus*	Candlenut	180		180	57	7.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
600	*Aleurites moluccanus*	Candlenut	380		380	119	15.0	9.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
601	*Aleurites moluccanus*	Candlenut	130		130	41	11.0	1.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
602	*Aleurites moluccanus*	Candlenut	210		210	66	12.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
603	*Aleurites moluccanus*	Candlenut	190		190	60	11.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
604	*Eucalyptus racemosa*	Scribbly Gum	400		400	126	22.0	14.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove
605	*Aleurites moluccanus*	Candlenut	210	150	258	81	12.0	4.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
606	*Eucalyptus siderophloia*	Grey Ironbark	230		230	72	16.0	7.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
607	*Corymbia trachyphloia*	Brown Bloodwood	460		460	145	23.0	10.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
608	*Eucalyptus propinqua*	Grey Gum	290		290	91	20.0	7.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove
609	*Corymbia torelliana*	Cadaghi	380		380	119	15.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
610	*Ceratonia siliqua*	Carob	100		100	31	6.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
611	*Celtis sinensis*	Chinese Celtis	130		130	41	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
612	*Prunus cerasifera*	Cherry Plum	110		110	35	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
613	*Prunus cerasifera*	Cherry Plum	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
614	*Castanospermum australe*	Blackbean	220		220	69	14.0	5.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
615	*Coccoloba uvifera*	Seagrape	110	100	149	47	3.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
616	*Grevillea robusta*	Silky Oak	160		160	50	14.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
617	*Syagrus romanzoffiana*	Cocos Palm	220		220	69	10.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
618	*Syagrus romanzoffiana*	Cocos Palm	250		250	79	16.0	7.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
619	*Syagrus romanzoffiana*	Cocos Palm	270		270	85	14.0	6.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
620	*Grevillea robusta*	Silky Oak	210		210	66	14.0	6.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
621	*Syagrus romanzoffiana*	Cocos Palm	210		210	66	17.0	7.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
622	*Syzygium cumini*	Java Plum	340		340	107	16.0	9.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
623	*Murraya koenigii*	Curry Tree	100		100	31	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
624	*Annona squamosa*	Custard Apple	140		140	44	6.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove
625	*Melaleuca quinquenervia*	Broad-leaved Paperbark	140	120	184	58	7.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
626	*Melaleuca quinquenervia*	Broad-leaved Paperbark	110		110	35	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
627	*Grevillea robusta*	Silky Oak	340		340	107	14.0	5.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
628	*Melaleuca quinquenervia*	Broad-leaved Paperbark	140		140	44	7.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
629	*Melaleuca quinquenervia*	Broad-leaved Paperbark	100		100	31	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	Native	-	-	Typical	-	-	-	-	-	-	Remove
630	*Annona squamosa*	Custard Apple	150		150	47	7.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
631	*Annona squamosa*	Custard Apple	240	130	273	86	7.0	6.0	3.3	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
632	*Annona squamosa*	Custard Apple	160	100, 90	209	66	7.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
633	*Annona squamosa*	Custard Apple	320		320	101	6.0	5.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
634	*Annona squamosa*	Custard Apple	160	160, 130	261	82	6.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
635	*Annona squamosa*	Custard Apple	150		150	47	6.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
636	*Annona squamosa*	Custard Apple	100	90	135	42	7.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
637	*Annona squamosa*	Custard Apple	110		110	35	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
638	*Annona squamosa*	Custard Apple	140	130	191	60	6.0	3.0	2.3	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
639	*Annona squamosa*	Custard Apple	190		190	60	2.0	1.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
640	*Phoenix dactylifera*	Date Palm	480		480	151	6.0	4.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
641	*Duranta erecta*	Duranta	100	110, 90	174	55	8.0	5.0	2.1	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
642	*Melaleuca viminalis*	Weeping Bottlebrush	160	150	219	69	5.0	3.0	2.6	1.7	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
643	*Citharexylum spinosum*	Fiddlewood	350		350	110	14.0	7.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
644	*Citharexylum spinosum*	Fiddlewood	180	110, 200, 70, 80	310	97	8.0	4.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
645	*Brachychiton acerifolius*	Illawara Flame Tree	240		240	75	7.0	6.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
646	*Brachychiton acerifolius*	Illawara Flame Tree	150		150	47	6.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
647	*Corymbia tessellaris*	Moreton Bay Ash	210		210	66	3.0	2.0	2.5	1.7	Regular	-	-	-	picorm	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
648	*Brachychiton acerifolius*	Illawara Flame Tree	200		200	63	7.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
649	*Brachychiton acerifolius*	Illawara Flame Tree	190		190	60	7.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
650	*Brachychiton acerifolius*	Illawara Flame Tree	250	240	347	109	7.0	3.0	4.2	2.1	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
651	*Brachychiton acerifolius*	Illawara Flame Tree	120		120	38	8.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
652	*Melaleuca saligna*	Willow Bottlebrush	230		230	72	7.0	4.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
653	*Koelreuteria elegans*	Golden Rain Tree	100	110	149	47	9.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
654	*Koelreuteria elegans*	Golden Rain Tree	130		130	41	6.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
655	*Koelreuteria elegans*	Golden Rain Tree	130	90	158	50	7.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
656	*Ribes uva-crispa*	Gooseberry	110		110	35	3.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
657	*Eucalyptus tereticornis*	Forest Red Gum	410		410	129	18.0	7.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Remove
658	*Citrus x paradisi*	Grapefruit	200	180, 130	299	94	10.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
659	*Psidium sp.*	Guava tree	140		140	44	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
660	*Psidium sp.*	Guava tree	100		100	31	3.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
661	*Heliciopsis lobata*	Heliciopsis	100	100	141	44	8.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
662	*Fraxinus griffithii*	Himalayan Ash	130	110, 120	208	65	8.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
663	*Gleditsia triacanthos*	Honey Locust	210		210	66	6.0	3.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
664	*Gleditsia triacanthos*	Honey Locust	120		120	38	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
665	*Gleditsia triacanthos*	Honey Locust	180	140	228	72	4.0	3.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
666	*Araucaria cunninghamii*	Hoop Pine	680		680	214	23.0	11.0	8.2	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
667	*Araucaria cunninghamii*	Hoop Pine	350		350	110	16.0	7.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	Both	-	-	Typical	-	-	-	-	-	-	Remove
668	*Monoon longifolium*	Indian Mast Tree	160		160	50	9.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
669	*Buckinghamia celsissima*	Ivory Curl	210		210	66	5.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
670	*Plinia cauliflora*	Jabuticaba	160		160	50	5.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
671	*Jacaranda mimosifolia*	Jacaranda	370		370	116	12.0	7.0	4.4	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
672	*Jacaranda mimosifolia*	Jacaranda	340	170	380	119	14.0	10.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
673	*Jacaranda mimosifolia*	Jacaranda	310	110	329	103	12.0	7.0	3.9	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
674	*Agathis robusta*	Kauri Pine	390		390	123	16.0	7.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
675	*Chamaecyparis lawsoniana*	Lawson's Cypress	250		250	79	12.0	6.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
676	*Libidibia ferrea*	Leopard Tree	340	200	394	124	10.0	6.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
677	*Libidibia ferrea*	Leopard Tree	210	100	233	73	9.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
678	*Syzygium leuhmannii*	Luehmannii	150		150	47	5.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
679	*Liquidambar styraciflua*	Liquidambar	280		280	88	7.0	4.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
680	*Liquidambar styraciflua*	Liquidambar	860		860	270	16.0	10.0	10.3	3.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
681	*Livistona australis*	Cabbage-tree Palm	330		330	104	15.0	4.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
682	*Litchi chinensis*	Lychee	200		200	63	5.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
683	*Macadamia integrifolia*	Macadamia Nut	330		330	104	7.0	5.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
684	*Macadamia integrifolia*	Macadamia Nut	340		340	107	7.0	6.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
685	*Macadamia integrifolia*	Macadamia Nut	100		100	31	5.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
686	*Mangifera indica*	Mango	210	150	258	81	4.0	3.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
687	*Mangifera indica*	Mango	250		250	79	6.0	3.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
688	*Mangifera indica*	Mango	400		400	126	7.0	6.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
689	*Morus alba*	Mulberry	140		140	44	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	Major	-	unk Dm	-	Typical	-	-	-	-	-	-	Remove
690	*Morus alba*	Mulberry	150	100	180	57	4.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
691	*Morus alba*	Mulberry	100		100	31	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
692	*Morus alba*	Mulberry	110		110	35	4.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
693	*Morus alba*	Mulberry	210	110	237	74	5.0	3.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
694	*Morus alba*	Mulberry	240		240	75	5.0	4.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
695	*Morus alba*	Mulberry	180	130, 120	252	79	6.0	4.0	3.0	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
696	*Melaleuca viminalis*	Weeping Bottlebrush	240		240	75	7.0	3.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
697	*Morus alba*	Mulberry	200		200	63	4.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
698	*Melaleuca saligna*	Willow Bottlebrush	170		170	53	8.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
699	*Corymbia intermedia*	Pink Bloodwood	410		410	129	16.0	8.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
700	*Morus alba*	Mulberry	230	150, 100	292	92	10.0	6.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
701	*Morus alba*	Mulberry	170		170	53	8.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
702	*Morus alba*	Mulberry	130		130	41	3.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
703	*Morus alba*	Mulberry	190		190	60	6.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
704	*Eucalyptus tereticornis*	Forest Red Gum	450		450	141	26.0	14.0	5.4	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
705	*Eucalyptus tereticornis*	Forest Red Gum	270		270	85	16.0	8.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
706	*Morus alba*	Mulberry	150	100	180	57	9.0	8.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
707	*Morus alba*	Mulberry	140		140	44	9.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
708	*Brachychiton rupestris*	Narrow-leaved Bottle Tree	110		110	35	4.0	1.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
709	*Eucalyptus major*	Grey Gum	260		260	82	15.0	6.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
710	*Nerium oleander*	Oleander	130		130	41	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
711	*Bauhinia galpinii*	Orchid Tree	150	130	198	62	4.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
712	*Bauhinia galpinii*	Orchid Tree	100	100, 90	168	53	5.0	3.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
713	*Pandanus spp.*	Pandanus palm	150		150	47	3.0	1.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
714	*Sterculia quadrifida*	Peanut Butter Tree	320		320	101	16.0	7.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
715	*Pyrus spp.*	Pear	140		140	44	4.0	2.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
716	*Carya illinoinensis*	Pecan Nut	250		250	79	15.0	7.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
717	*Carya illinoinensis*	Pecan Nut	350	150	381	120	15.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
718	*Diospyros virginiana*	Persimmon	110		110	35	3.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
719	*Petalostigma pubescens*	Quinine Bush	380		380	119	12.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
720	*Phyllanthus Acidus*	Gooseberry	120		120	38	4.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
721	*Phyllanthus Acidus*	Gooseberry	110		110	35	4.0	3.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
722	*Corymbia intermedia*	Pink Bloodwood	230		230	72	14.0	7.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
723	*Eucalyptus tereticornis*	Forest Red Gum	170		170	53	8.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
724	*Araucaria columnaris*	Cook Pine	160		160	50	14.0	8.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
725	*Eucalyptus tereticornis*	Forest Red Gum	875		875	275	21.0	12.0	10.5	3.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retain
726	*Eucalyptus tereticornis*	Forest Red Gum	390		390	123	12.0	6.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
727	*Eucalyptus tereticornis*	Forest Red Gum	400		400	126	18.0	9.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
728	*Corymbia intermedia*	Pink Bloodwood	210		210	66	12.0	6.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
729	*Pinus spp.*	pine nut	110		110	35	5.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
730	*Pinus spp.*	pine nut	230		230	72	7.0	4.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
731	*Delonix regia*	Poinciana	350		350	110	8.0	12.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
732	*Delonix regia*	Poinciana	310		310	97	14.0	11.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
733	*Delonix regia*	Poinciana	330		330	104	13.0	5.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
734	*Delonix regia*	Poinciana	200		200	63	10.0	8.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
735	*Podocarpus latifolius*	Braoad-leaved yellowwood	260	170	311	98	16.0	7.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
736	*Podocarpus latifolius*	Braoad-leaved yellowwood	340	250	422	133	16.0	9.0	5.1	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
737	*Podocarpus macrophylla*	Yew Plum Pine	200	150	250	79	7.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
738	*Corymbia intermedia*	Pink Bloodwood	200		200	63	14.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
739	*Delonix regia*	Poinciana	200	180	269	85	6.0	4.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
740	*Corymbia intermedia*	Pink Bloodwood	190		190	60	10.0	5.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
741	*Beaucarnea recurvata*	Pony Tail Palm	200	110	228	72	8.0	4.0	2.7	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
742	*Eucalyptus seeana*	Narrow Leaved Gum	520		520	163	18.0	11.0	6.2	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
743	*Corymbia intermedia*	Pink Bloodwood	200		200	63	8.0	4.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
744	*Corymbia intermedia*	Pink Bloodwood	250		250	79	15.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
745	*Corymbia intermedia*	Pink Bloodwood	220		220	69	17.0	5.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
746	*Corymbia intermedia*	Pink Bloodwood	230		230	72	14.0	6.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
747	*Corymbia trachyphloia*	Brown Bloodwood	360		360	113	18.0	11.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
748	*Corymbia trachyphloia*	Brown Bloodwood	360		360	113	17.0	11.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
749	*Corymbia trachyphloia*	Brown Bloodwood	260		260	82	15.0	8.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
750	*Annona muricata*	Prickly Custard Apple	150		150	47	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
751	*Corymbia trachyphloia*	Brown Bloodwood	260		260	82	12.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
752	*Corymbia trachyphloia*	Brown Bloodwood	180		180	57	11.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
753	*Lophostemon suaveolens*	Swamp Box	190		190	60	6.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
754	*Corymbia intermedia*	Pink Bloodwood	180		180	57	8.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
755	*Eucalyptus tereticornis*	Forest Red Gum	380		380	119	18.0	11.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
756	*Eucalyptus seeana*	Narrow Leaved Gum	300		300	94	12.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Retain
757	*DEAD/STAG*		500		500	157	17.0	7.0	6.0	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retain
758	*Eucalyptus seeana*	Narrow Leaved Gum	310		310	97	12.0	7.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
759	*Eucalyptus seeana*	Narrow Leaved Gum	210		210	66	9.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
760	*Eucalyptus seeana*	Narrow Leaved Gum	330		330	104	18.0	9.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
761	*DEAD/STAG*		340		340	107	12.0	4.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
762	*Corymbia intermedia*	Pink Bloodwood	380		380	119	16.0	6.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
763	*Eucalyptus seeana*	Narrow Leaved Gum	490		490	154	14.0	8.0	5.9	2.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
764	*Eucalyptus seeana*	Narrow Leaved Gum	270		270	85	12.0	5.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
765	*Corymbia intermedia*	Pink Bloodwood	270		270	85	13.0	6.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
766	*DEAD/STAG*		310		310	97	10.0	5.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
767	*Corymbia intermedia*	Pink Bloodwood	350		350	110	16.0	7.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
768	*DEAD/STAG*		580		580	182	16.0	7.0	7.0	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
769	*Lophostemon confertus*	Brush Box	400		400	126	10.0	5.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retain
770	*Lophostemon confertus*	Brush Box	220		220	69	4.0	2.0	2.6	1.8	Regular	-	-	Die-back	picorm	Lopped	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
771	*Eucalyptus seeana*	Narrow Leaved Gum	380		380	119	12.0	5.0	4.6	2.2	One-sided	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove
772	*Melaleuca quinquenervia*	Broad-leaved Paperbark	560		560	176	15.0	7.0	6.7	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retention subject to road dedication
773	*Eucalyptus seeana*	Narrow Leaved Gum	430		430	135	14.0	7.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
774	*Annona muricata*	Prickly Custard Apple	470		470	148	14.0	7.0	5.6	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
775	*Corymbia intermedia*	Pink Bloodwood	520		520	163	16.0	5.0	6.2	2.5	Regular	-	-	Die-back	-	-	Typical	-	-	unk Dm	-	Typical	-	-	Yes	-	-	-	Retention subject to road dedication
776	*DEAD/STAG*		550		550	173	14.0	6.0	6.6	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Retention subject to road dedication
777	*Eucalyptus seeana*	Narrow Leaved Gum	280		280	88	14.0	5.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	New	-	-	-	-	Retention subject to road dedication
778	*Annona muricata*	Prickly Custard Apple	350		350	110	8.0	4.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
779	*Ficus benjamina*	Weeping Fig	100	110	149	47	4.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
780	*Annona muricata*	Prickly Custard Apple	130	100	164	52	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
781	*Pinus elliotii*	Slash Pine	400		400	126	20.0	8.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
782	*Corymbia trachyphloia*	Brown Bloodwood	360		360	113	21.0	7.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
783	*Brachychiton acerifolius*	Illawara Flame Tree	200		200	63	10.0	5.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
784	*Pinus elliotii*	Slash Pine	350		350	110	18.0	8.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
785	*Pinus elliotii*	Slash Pine	320		320	101	18.0	9.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
786	*Brachychiton acerifolius*	Illawara Flame Tree	140		140	44	9.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
787	*Pinus elliotii*	Slash Pine	240		240	75	17.0	3.0	2.9	1.8	One-sided	-	-	-	-	-	Poor	-	-	-	-	Typical	-	-	-	-	-	-	Remove
788	*Pinus elliotii*	Slash Pine	300		300	94	22.0	10.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
789	*Pinus elliotii*	Slash Pine	300		300	94	17.0	5.0	3.6	2.0	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
790	*Pinus elliotii*	Slash Pine	340		340	107	16.0	7.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
791	*Pinus elliotii*	Slash Pine	340		340	107	18.0	9.0	4.1	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
792	*DEAD/STAG*		540		540	170	12.0	4.0	6.5	2.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Remove
793	*Eucalyptus siderophloia*	Grey Ironbark	310		310	97	16.0	7.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
794	*Pinus elliotii*	Slash Pine	410		410	129	21.0	11.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
795	*Pinus elliotii*	Slash Pine	250		250	79	14.0	5.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
796	*Grevillea robusta*	Silky Oak	330		330	104	18.0	9.0	4.0	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
797	*Pinus elliotii*	Slash Pine	250		250	79	18.0	6.0	3.0	1.8	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
798	*Pinus elliotii*	Slash Pine	280		280	88	17.0	9.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
799	*DEAD/STAG*		700		700	220	11.0	2.0	8.4	2.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Remove
800	*DEAD/STAG*		210		210	66	9.0	3.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Remove
801	*DEAD/STAG*		380		380	119	15.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
802	*DEAD/STAG*		720		720	226	9.0	2.0	8.6	2.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	Yes	-	-	-	Remove
803	*Grevillea robusta*	Silky Oak	320		320	101	16.0	7.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
804	*Pinus elliotii*	Slash Pine	280		280	88	15.0	6.0	3.4	1.9	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
805	*Pinus elliotii*	Slash Pine	360		360	113	19.0	9.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
806	*Pinus elliotii*	Slash Pine	270		270	85	21.0	5.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
807	*Pinus elliotii*	Slash Pine	360		360	113	19.0	11.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
808	*Ficus benjamina*	Weeping Fig	420	180	457	144	15.0	13.0	5.5	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
809	*DEAD/STAG*		320		320	101	14.0	1.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
810	*Pinus elliotii*	Slash Pine	520		520	163	22.0	11.0	6.2	2.5	Regular	-	-	-	-	-	Typical	Minor	-	-	-	Typical	-	-	-	-	-	-	Remove
811	*Brachychiton acerifolius*	Illawara Flame Tree	210		210	66	12.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
812	*Brachychiton acerifolius*	Illawara Flame Tree	360		360	113	18.0	10.0	4.3	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
813	*Brachychiton acerifolius*	Illawara Flame Tree	270		270	85	16.0	7.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
814	*Eucalyptus siderophloia*	Grey Ironbark	230		230	72	16.0	6.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
815	*Pinus elliotii*	Slash Pine	350		350	110	18.0	7.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
816	*Corymbia intermedia*	Pink Bloodwood	180		180	57	14.0	5.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
817	*Pinus elliotii*	Slash Pine	350		350	110	19.0	8.0	4.2	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
818	*Pinus elliotii*	Slash Pine	300		300	94	17.0	7.0	3.6	2.0	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
819	*Brachychiton acerifolius*	Illawara Flame Tree	180		180	57	10.0	3.0	2.2	1.6	Regular	-	-	Die-back	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
820	*Pinus elliotii*	Slash Pine	380		380	119	19.0	9.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
821	*Pinus elliotii*	Slash Pine	240		240	75	18.0	9.0	2.9	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
822	*Corymbia intermedia*	Pink Bloodwood	220		220	69	15.0	6.0	2.6	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
823	*Melaleuca viminalis*	Weeping Bottlebrush	170		170	53	9.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
824	*Pinus elliotii*	Slash Pine	360		360	113	19.0	11.0	4.3	2.2	One-sided	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
825	*Corymbia intermedia*	Pink Bloodwood	320		320	101	16.0	5.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	Both	-	-	Typical	-	-	-	-	-	-	Remove
826	*Pinus elliotii*	Slash Pine	290		290	91	18.0	7.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
827	*Eucalyptus seeana*	Narrow Leaved Gum	210		210	66	12.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
828	*Pinus elliotii*	Slash Pine	320		320	101	21.0	11.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
829	*Pinus elliotii*	Slash Pine	420		420	132	19.0	12.0	5.0	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
830	*Pinus elliotii*	Slash Pine	410		410	129	20.0	11.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
831	*Syzygium cumini*	Java Plum	150		150	47	7.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
832	*Grevillea robusta*	Silky Oak	170		170	53	9.0	5.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
833	*Casimiroa edulis*	White Sapote	110		110	35	3.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
834	*Native spp.*	Unknown native	210	200	290	91	8.0	5.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
835	*Castanospermum australe*	Blackbean	170		170	53	7.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
836	*Introduced spp.*	Unknown Introduced	210		210	66	12.0	6.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
837	*Ficus elastica*	Rubber Tree	210		210	66	6.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
838	*Commersonia bartramia*	Brown Kurrajong	280		280	88	14.0	6.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
839	*Eucalyptus seeana*	Narrow Leaved Gum	380		380	119	14.0	7.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	Old	-	-	-	-	Remove
840	*Spathodea campanulata*	African Tulip Tree	190	90	210	66	12.0	5.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
841	*Spathodea campanulata*	African Tulip Tree	140		140	44	8.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
842	*Mangifera indica*	Mango	380		380	119	5.0	5.0	4.6	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
843	*Citharexylum spinosum*	Fiddlewood	300		300	94	8.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
844	*Eucalyptus seeana*	Narrow Leaved Gum	290		290	91	15.0	7.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
845	*Tamarindus indica*	Tamarind	270		270	85	12.0	8.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
846	*Mangifera indica*	Mango	260		260	82	4.0	3.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
847	*Tamarindus indica*	Tamarind	240	220	326	102	10.0	8.0	3.9	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
848	*Tamarindus indica*	Tamarind	180		180	57	8.0	9.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
849	*Introduced spp.*	Unknown Introduced	320		320	101	2.0	3.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
850	*Taxodium distichum*	Swamp Cypress	290		290	91	8.0	4.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
851	*Ficus abutilifolia*	Large-leaved Rock Fig	180		180	57	5.0	3.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
852	*Syzygium cumini*	Java Plum	300	230	378	119	8.0	6.0	4.5	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
853	*Eucalyptus tereticornis*	Forest Red Gum	820		820	258	18.0	10.0	9.8	3.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
854	*Chrystophyllum cainito*	Star Apple	130	90	158	50	6.0	5.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
855	*Averrhoa carambola*	Star Fruit	110	90, 90	168	53	5.0	4.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
856	*Averrhoa carambola*	Star Fruit	200		200	63	5.0	3.0	2.4	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
857	*Averrhoa carambola*	Star Fruit	110		110	35	3.0	2.0	2.0	1.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
858	*Annona squamosa*	Custard Apple	430		430	135	16.0	7.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
859	*Annona squamosa*	Custard Apple	330	210	391	123	15.0	8.0	4.7	2.2	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
860	*Tecoma stans*	Yellow Bells	150		150	47	6.0	3.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
861	*Tipuana tipu*	Tipuana	400		400	126	8.0	6.0	4.8	2.3	Regular	-	-	-	-	-	Typical	-	-	unk Dm	-	Typical	-	-	-	-	-	-	Remove
862	*Ravenala madagascariensis*	Travellers Palm	260		260	82	12.0	5.0	3.1	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
863	*Introduced spp.*	Unknown Introduced	150	150, 140	254	80	7.0	4.0	3.0	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
864	*Cupaniopsis anacardioides*	Tuckeroo	290		290	91	16.0	7.0	3.5	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
865	*Cupaniopsis anacardioides*	Tuckeroo	180		180	57	10.0	4.0	2.2	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
866	*Cupaniopsis anacardioides*	Tuckeroo	390	280	480	151	15.0	11.0	5.8	2.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
867	*Harpullia pendula*	Tulipwood	120		120	38	12.0	5.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
868	*Harpullia pendula*	Tulipwood	170		170	53	12.0	8.0	2.0	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
869	*Harpullia pendula*	Tulipwood	270		270	85	16.0	8.0	3.2	1.9	Regular	-	-	-	-	-	Typical	-	Both	-	-	Typical	-	-	-	-	-	-	Remove
870	*Schefflera actinophylla*	Umbrella Tree	230	230, 170, 150, 120	414	130	7.0	5.0	5.0	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
871	*Melaleuca quinquenervia*	Broad-leaved Paperbark	250	320	406	128	17.0	8.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
872	*Schefflera actinophylla*	Umbrella Tree	320		320	101	11.0	5.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
873	*Aleurites moluccanus*	Candlenut	630		630	198	12.0	7.0	7.6	2.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
874	*Aleurites moluccanus*	Candlenut	190		190	60	8.0	4.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
875	*Casimiroa edulis*	White Sapote	130	90	158	50	8.0	4.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
876	*Kiggelaria africana*	Wild Peach	150	160	219	69	8.0	5.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
877	*Lophostemon suaveolens*	Swamp Box	120		120	38	9.0	4.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
878	*Lophostemon suaveolens*	Swamp Box	210		210	66	11.0	4.0	2.5	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication

Specimen Details											Canopy Condition Details							Trunk Condition Details					Fauna Details and Habitat Value						
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
879	*Lophostemon suaveolens*	Swamp Box	130	170	214	67	12.0	5.0	2.6	1.7	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
880	*Pouteria australis*	Wild Plum	110	100	149	47	3.0	2.0	2.0	1.5	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
881	*Pouteria australis*	Wild Plum	300	260, 150	424	133	5.0	5.0	5.1	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
882	*Melaleuca quinquenervia*	Broad-leaved Paperbark	310		310	97	15.0	6.0	3.7	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
883	*Pouteria australis*	Wild Plum	130		130	41	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
884	*Pouteria australis*	Wild Plum	140		140	44	5.0	3.0	2.0	1.4	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
885	*Salix viminalis*	Yellow Basket Willow	280		280	88	12.0	7.0	3.4	1.9	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
886	*Melaleuca quinquenervia*	Broad-leaved Paperbark	190		190	60	14.0	5.0	2.3	1.6	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
887	*DEAD/STAG*		430		430	135	14.0	5.0	5.2	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
888	*Melaleuca quinquenervia*	Broad-leaved Paperbark	230		230	72	11.0	5.0	2.8	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
889	*Elaeocarpus angustifolius*	Blue Quandong	230	170	286	90	6.0	5.0	3.4	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
890	*Syzygium smithii*	Common Lilly Pilly	320		320	101	10.0	6.0	3.8	2.1	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
891	*Syzygium australe*	Brush Cherry	410		410	129	17.0	11.0	4.9	2.3	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Retention subject to road dedication
892	*Macadamia integrifolia*	Macadamia Nut	300		300	94	12.0	6.0	3.6	2.0	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove
893	*Macadamia integrifolia*	Macadamia Nut	150	160, 80, 90	250	79	9.0	4.0	3.0	1.8	Regular	-	-	-	-	-	Typical	-	-	-	-	Typical	-	-	-	-	-	-	Remove

Appendix G

SAT Survey Results

Spot Assessment Technique (SAT)				
Date:	19/09/2022	**Site:**	11382 - SAT 1	
Tree No.	**Scientific Name**	**Common Name**	**DBH**	**Scats**
1	Corymbia intermedia	Pink Bloodwood	490	N
2	Acacia disparrima	Hickory Wattle	140	N
3	Corymbia intermedia	Pink Bloodwood	250	N
4	Corymbia intermedia	Pink Bloodwood	110	N
5	Allocasuarina littoralis	Black She-oak	140	N
6	Acacia disparrima	Hickory Wattle	190	N
7	Alphitonia excelsa	Soap Tree	160	N
8	Lophostemon suaveolens	Swamp Box	240	N
9	Acacia disparrima	Hickory Wattle	290	N
10	Lophostemon suaveolens	Swamp Box	120	N
11	Allocasuarina littoralis	Black She-oak	130	N
12	Alphitonia excelsa	Soap Tree	170	N
13	Allocasuarina littoralis	Black She-oak	190	N
14	Allocasuarina littoralis	Black She-oak	140	N
15	Corymbia intermedia	Pink Bloodwood	130	N
16	Acacia disparrima	Hickory Wattle	150	N
17	Corymbia intermedia	Pink Bloodwood	130	N
18	Angophora leiocarpa	Smooth-barked Apple	230	N
19	Acacia disparrima	Hickory Wattle	260	N
20	Alphitonia excelsa	Soap Tree	140	N
21	Allocasuarina littoralis	Black She-oak	130	N
22	Corymbia intermedia	Pink Bloodwood	150	N
23	Corymbia intermedia	Pink Bloodwood	290	N
24	Corymbia intermedia	Pink Bloodwood	110	N
25	Allocasuarina littoralis	Black She-oak	130	N
26	Corymbia intermedia	Pink Bloodwood	100	N
27	Alphitonia excelsa	Soap Tree	150	N
28	Eucalyptus seeana	Narrow-leaved Red Gum	230	N
29	Corymbia intermedia	Pink Bloodwood	200	N
30	Allocasuarina littoralis	Black She-oak	180	N
		Total Scats	0	
		Percentage	0.00	
		East Coast (med-high) Activity Category	Low	

Spot Assessment Technique (SAT)				
Date:	7/10/2022	**Site:**	11382	
Tree No.	**Scientific Name**	**Common Name**	**DBH**	**Scats**
1	*Lophostemon suaveolens*	Swamp Box	290	N
2	*Corymbia intermedia*	Pink Bloodwood	300	N
3	*Lophostemon suaveolens*	Swamp Box	100	N
4	*Corymbia intermedia*	Pink Bloodwood	280	N
5	*Lophostemon suaveolens*	Swamp Box	110	N
6	*Corymbia intermedia*	Pink Bloodwood	380	N
7	*Acacia disparrima*	Hickory Wattle	200	N
8	*Corymbia intermedia*	Pink Bloodwood	380	N
9	*Corymbia intermedia*	Pink Bloodwood	240	N
10	*Acacia disparrima*	Hickory Wattle	250	N
11	*Corymbia intermedia*	Pink Bloodwood	310	N
12	*Lophostemon suaveolens*	Swamp Box	100	N
13	*Lophostemon suaveolens*	Swamp Box	120	N
14	*Corymbia intermedia*	Pink Bloodwood	370	N
15	*Lophostemon suaveolens*	Swamp Box	190	N
16	*Lophostemon suaveolens*	Swamp Box	100	N
17	*Lophostemon suaveolens*	Swamp Box	130	N
18	*Corymbia intermedia*	Pink Bloodwood	210	N
19	*Lophostemon suaveolens*	Swamp Box	120	N
20	*Corymbia intermedia*	Pink Bloodwood	100	N
21	*Lophostemon suaveolens*	Swamp Box	110	N
22	*Lophostemon suaveolens*	Swamp Box	130	N
23	*Lophostemon suaveolens*	Swamp Box	110	N
24	*Lophostemon suaveolens*	Swamp Box	140	N
25	*Lophostemon suaveolens*	Swamp Box	100	N
26	*Lophostemon suaveolens*	Swamp Box	150	N
27	*Lophostemon suaveolens*	Swamp Box	100	N
28	*Lophostemon suaveolens*	Swamp Box	130	N
29	*Lophostemon suaveolens*	Swamp Box	150	N
30	*Lophostemon suaveolens*	Swamp Box	150	N
		Total Scats	0	
		Percentage	0.00	
		East Coast (med-high) Activity Category	Low	

Spot Assessment Technique (SAT)				
Date:	5/04/2023	**Site:**	11382	
Tree No.	**Scientific Name**	**Common Name**	**DBH**	**Scats**
1	*Corymbia intermedia*	Pink Bloodwood	320	N
2	*Lophostemon suaveolens*	Swamp Box	120	N
3	*Lophostemon suaveolens*	Swamp Box	180	N
4	*Melaleuca quinquinervia*	Coastal Papebark	170	N
5	*Angophora leiocarpa*	Smooth-barked Apple	200	N
6	*Lophostemon suaveolens*	Swamp Box	110	N
7	*Lophostemon suaveolens*	Swamp Box	120	N
8	*Lophostemon suaveolens*	Swamp Box	160	N
9	*Lophostemon suaveolens*	Swamp Box	130	N
10	*Lophostemon suaveolens*	Swamp Box	120	N
11	*Lophostemon suaveolens*	Swamp Box	130	N
12	*Melaleuca quinquinervia*	Coastal Papebark	280	N
13	*Lophostemon suaveolens*	Swamp Box	140	N
14	*Lophostemon suaveolens*	Swamp Box	130	N
15	*Lophostemon suaveolens*	Swamp Box	170	N
16	*Lophostemon suaveolens*	Swamp Box	100	N
17	*Lophostemon suaveolens*	Swamp Box	100	N
18	*Melaleuca quinquinervia*	Coastal Papebark	170	N
19	*Lophostemon suaveolens*	Swamp Box	170	N
20	*Melaleuca quinquinervia*	Coastal Papebark	230	N
21	*Alphitonia excelsa*	Soap Tree	120	N
22	*Allocasuarina littoralis*	Black She-oak	180	N
23	*Lophostemon suaveolens*	Swamp Box	140	N
24	*Melaleuca quinquinervia*	Coastal Papebark	100	N
25	*Melaleuca quinquinervia*	Coastal Papebark	150	N
26	*Lophostemon suaveolens*	Swamp Box	180	N
27	*Corymbia intermedia*	Pink Bloodwood	130	N
28	*Lophostemon suaveolens*	Swamp Box	140	N
29	*Lophostemon suaveolens*	Swamp Box	110	N
30	*Eucalyptus seeana*	Narrow-leaved Red Gum	230	N
		Total Scats	0	
		Percentage	0.00	
		East Coast (med-high) Activity Category	Low	