

Mr Tony Moody
Moody Planning and Development Pty Ltd
Suite 102 Floor 1 25-29 Berry Street
NORTH SYDNEY NSW 2060

18 May 2022

Dear Mr Moody,

**Amended Preliminary Tree Asset Identification
8A, 14 & 16 Buckingham Road, Killara.**



**TREE MANAGEMENT
CONSULTING ARBORICULTURISTS
HORTICULTURISTS
LANDSCAPE DESIGNERS
ABN: 68 508 911 904**

On 18 July 2019, my colleague and I undertook a site walk-over and preliminary inspection of the site's tree assets to assist with a potential planning proposal (PP) application to Ku-ring-gai Council. As briefed, we identified the trees of highest 'retention' value, as well as identified potential opportunities for retaining other vegetation (such as perimeter trees/shrubs/hedges).

As requested, we have amended the earlier Preliminary Tree Asset Identification dated 8 February 2021 to include 2 additional *Eucalyptus saligna* (Sydney Blue Gum) located on adjoining land on the northwest and southeast of No.16 Buckingham Road. These are shown on the marked up aerial plan at page 3.

We provide the following observations and comments for your information:

- No survey with plotted tree locations was available for use at the time of our inspection in July 2019.
- Individual trees are generally identified to species level, with a few exceptions, and are marked up on an aerial image of 8A, 14 and 16 Buckingham Road, Killara ("the site").
- No aerial inspections, root mapping or woody tissue testing were undertaken as part of this preliminary tree asset assessment.
- There are many trees that are prescribed under the Council's tree preservation controls; however, we have only identified those trees that could be desirable for retention on the basis of species, prominence in the landscape and apparent fair to good health and condition. We have identified:
 - 18 High Value trees.
 - 9 Medium Value trees.
 - 8 trees close to site boundaries (including 3 Sydney Blue Gums) that need to be considered in any future development proposal.
- The trees have not been subject to individual Visual Tree Assessment¹ or Useful Life Expectancy² ratings applied as these require more detailed assessments to guide the design of a proposed development prior to a Development Application.
- The trees have not had their heights and crown spreads measured at this time. The majority of the High Value trees have had their trunk diameters measured at approximately 1.4 metres above ground level to assist with preliminary advice in regard to Tree Protection Zone offsets and concept design for future development. These details are available for use if required, however, it is assumed a more detailed tree assessment for any future development proposed for the site will be required at a later stage.

¹ Visual Tree Assessment (VTA) is a procedure of defect analysis developed by Mattheck and Breloer (1994) that uses the growth response and form of trees to detect defects.

² In a planning context, the time a tree can expect to be usefully retained is the most important long-term consideration.

- High Value trees may have structural defects or other issues that could potentially affect their overall Retention Value at PP stage so these observations and attached aerial image is intended as a guide only.
- The trees most likely to affect how future design and development is planned for the site are represented by the Blue Gums, particularly the very large one to the north.
- Trees at perimeters are easier to retain than those in the middle of this site, such as the 7 x Kaffir Plums on the east boundary of No.16.

The key below is intended to assist with interpreting the marked up aerial plan attached (the plan should be printed at A3 size for clarity).

KEY:

Yellow ellipse – High Value trees based on Species* and/or Landscape Significance. Trees located on-site.

Blue ellipse – Medium Value trees Species* and/or Landscape Significance. Trees located on-site.

Green ellipse – Off-site/adjoining trees of a size where they overhang the site and/or due to their size would need to be considered in future design.

— · — · — · — · — Boundary of assessment area (approx. only, based on Nearmap image 23 October 2018).

Other small trees or shrubs and gardens that have little or no material landscape significance are not identified on this plan.

* *Syzygium paniculatum* (Magenta Lillipilly) is listed as an endangered species in Part 1, Schedule 1 of the Biodiversity Conservation Act 2016 (the BC Act).

**Eucalyptus saligna* (Sydney Blue Gum) is a key species of the critically endangered ecological community, Blue Gum High Forest, listed in Part 1, Schedule 2 of the Biodiversity Conservation Act 2016.

In January 2021, subsequent to the initial tree identification exercise in July 2019, we received surveys that have plotted trees on the three properties. As requested, we marked up the surveys with the trees we included in our preliminary tree asset identification exercise. These are attached after the aerial image.

We note there are several other small trees and shrubs included on the survey plans. However, at that time of our tree identification inspection, we only identified those trees considered to be of High and Medium Retention Value, as requested, and included trees on adjoining land that could potentially be affected by future development.

Low Retention Value trees, such as smaller introduced exotics (e.g. azaleas, Japanese maples, etc) and undesirable species (e.g. wild olives, hawthorns, etc), and smaller trees of very limited amenity, were not included in the tree asset inspection in 2019. Several of these small low Retention Value trees and shrubs have been plotted on the surveys.

Should you have any further questions please don't hesitate to contact me.

Catriona Mackenzie, 18 May 2022.

Chukwura

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CONSULTING ARBORICULTURISTS

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ACCREDITED MEMBER™

MEMBER
INTERNATIONAL SOCIETY
OF ARBORICULTURISTS
ISA

Catriona Mackenzie

Consulting arboriculturist, horticulturist and landscape designer.

Tree Risk Assessment Qualified 2014 (TRAQ)

Certificate of Horticulture *Honours*

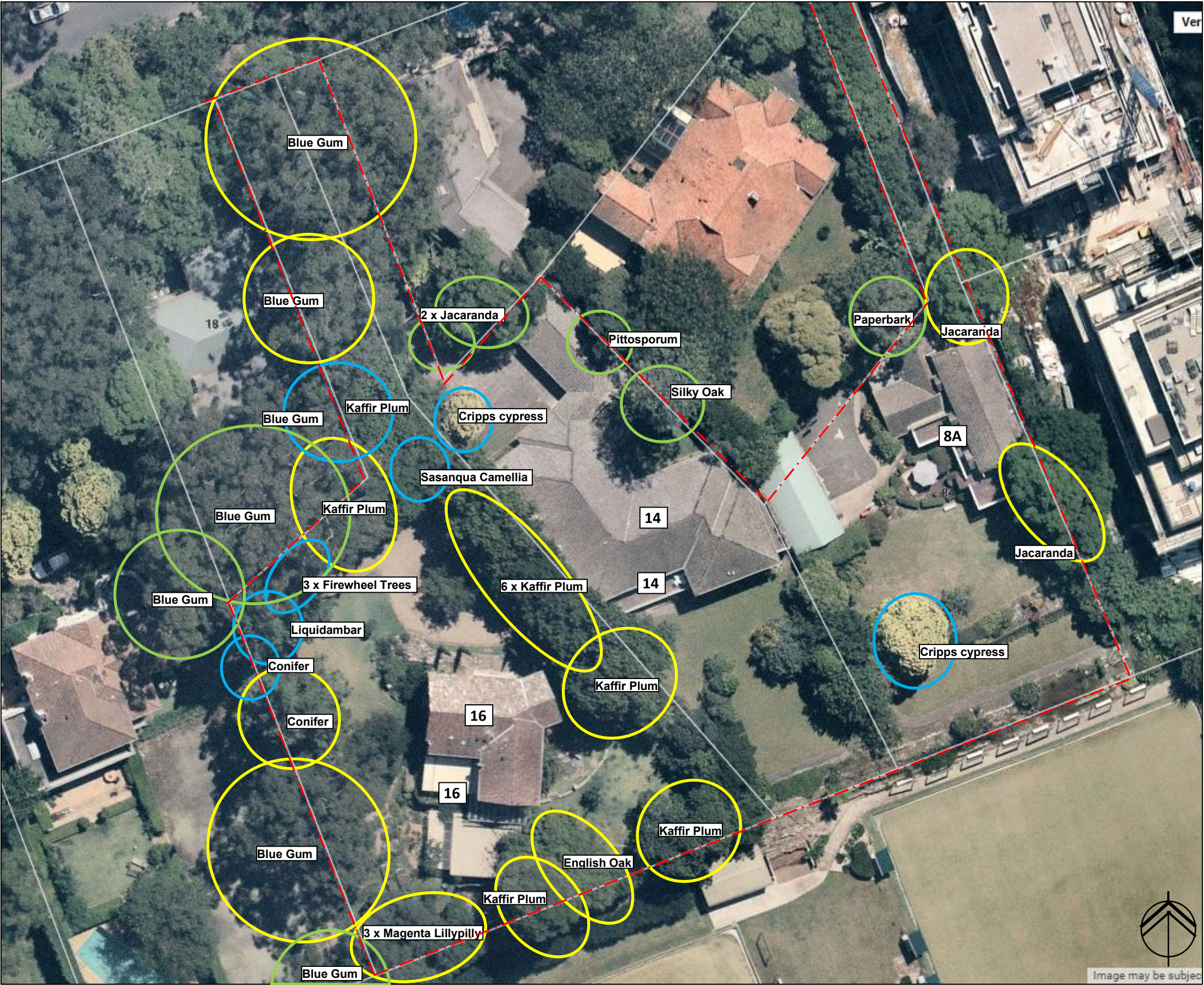
Diploma of Horticulture (Arboriculture) *Distinction*

Associate Diploma of Applied Science (Landscape) *Distinction*

Member of the International Society of Arboriculture (ISA)

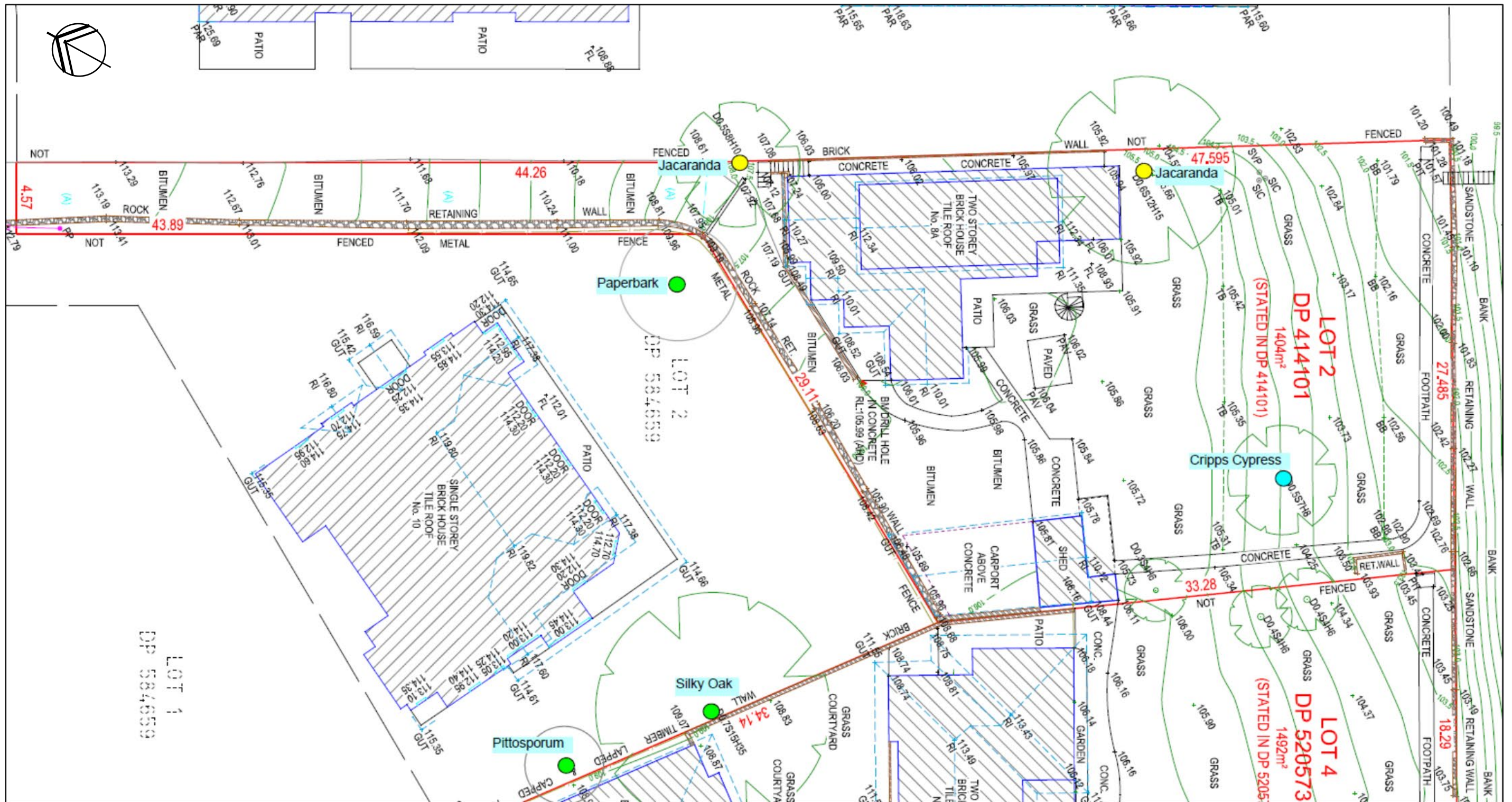
Founding Member of the Institute of Australian Consulting Arboriculturists (IACA) ACM0052003

Urban Forestry Australia Preliminary Tree Asset Identification—8A, 14 and 16 Buckingham Road, Killara. July 2019



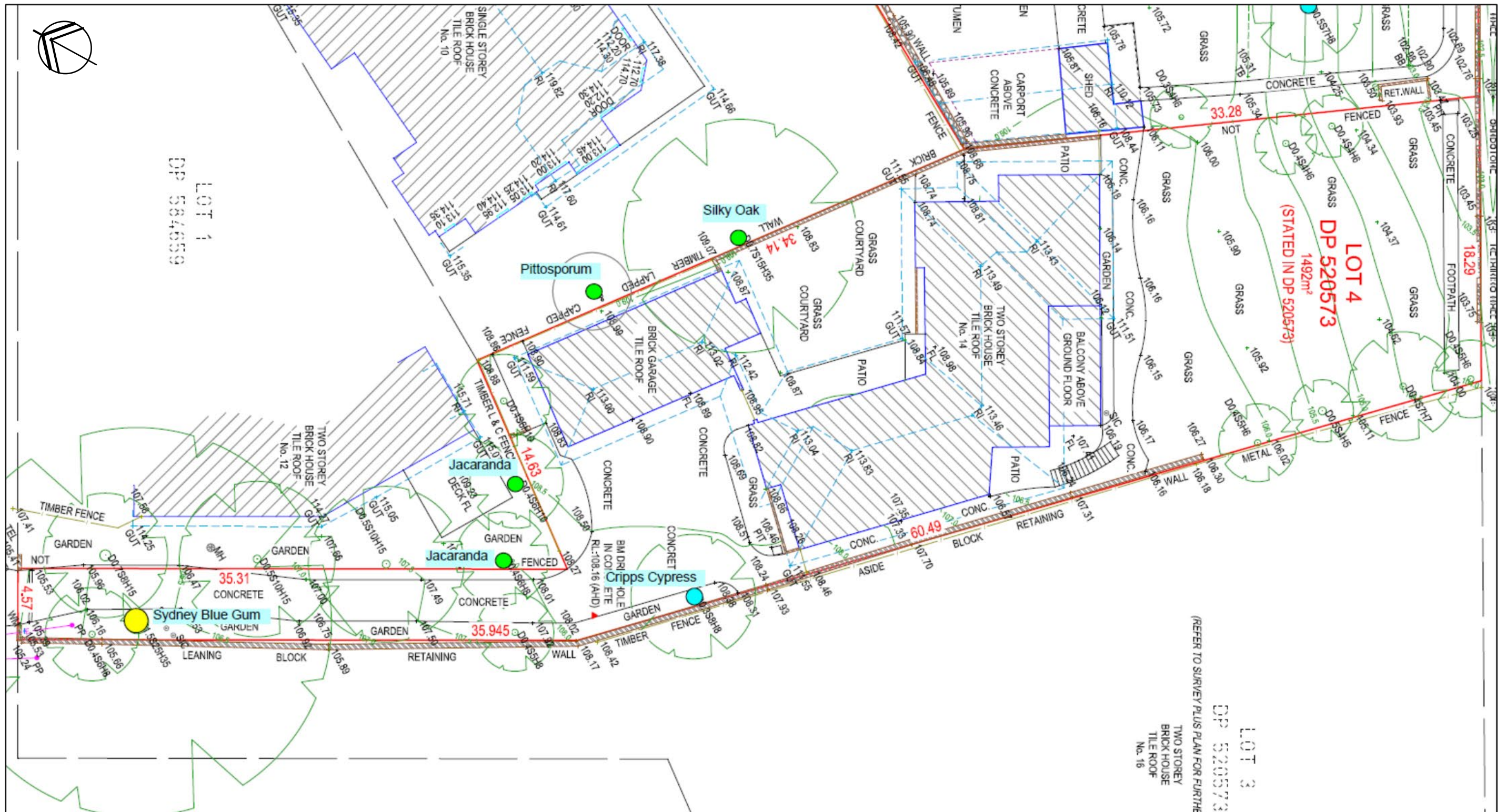
RETENTION VALUE OF TREES ON LOT 2, DP 414101 – 8A Buckingham Road, Killara

● = on adjoining land ● = High Retention Value ● = Medium Retention Value



RETENTION VALUE OF TREES ON LOT 4, DP 520573 – 14 Buckingham Road, Killara

● = on adjoining land ● = High Retention Value ● = Medium Retention Value



RETENTION VALUE OF TREES ON LOT 3, DP 520573 – 16 Buckingham Road, Killara (2 sheets)

● = on adjoining land ● = High Retention Value ● = Medium Retention Value

