

15.3.2019

Johnsen Lim
Billard Leece Partnership Pty Ltd
Studio 201 50 Holt Street
Surry Hills, NSW 2010



9 Hickson Circuit
Harrington Park NSW 2567
M: 0425 308 275
E: scott@hortmanagement.com.au

Dear Johnsen,

**REMOVAL OF 7 TREES – PICTON HIGH SCHOOL, 480 ARGYLE STREET,
PICTON NSW 257.**

Horticultural Management Services was engaged to conduct an Arboriculture Assessment Report with particular regard to the Commonwealth Environment Protection and Biodiversity Conservation Act 1999, with reference made to the Office of Environment and Heritage (OEH) (formerly National Parks and Wildlife Services), Threatened Species Conservation Act 1995, Biosecurity Act 2015 and Wollondilly Shire City Council Tree Preservation Order (TPO).

It is understood that this report is to form part of a Development Application for a proposed redevelopment including building alterations and extensions of Picton High School, which includes the demolition of the existing dwellings, construction of new school facilities, new site accessway, removal of various trees, shrubs and associated landscaping as per Annexure A Proposed Development Layout.

Various site inspection were undertaken 12th February 2018 and 19th October 2018, to determine if trees numbered 46, 47, 48, 49, 66, 79 and 80 are able to be retained within the present design and their individual overall health, structural integrity and identification of other physical conditions that may be present within the proposed redevelopment site, which may be affected by the proposed development.

The potential impact of the proposed development to these trees tabled has also been assessed. The assessment also took into consideration the ecological qualities of the trees and their biotic, ecological, historical and visual significance within the grounds.

Subject to Council or equivalent, approval is recommended for the removal of these Seven-(7) trees numbered 46, 47, 48, 49, 66, 79 and 80 based on their location within the proposed design and scope of works.

Whilst they are in good to fair health, density and structural condition they are required to be removed due to the proposed demolition, excavation/site levelling and construction works. All considerations, options regarding their individual retention was considered based on the proposed design tabled, access requirements, considered construction requirements and site modifications that would result in the long term modifications to these trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels that would result in the decline of the tree's health and overall stability in the long term or them being within the building envelope.

No roosting or habitat hollows were observed in any of the site trees proposed to be removed due to their relatively young to medium age. The removal of these Seven-(7) trees from the site will not have an adverse effect on the environment or Section 5A “Significant effects on threatened species, populations or ecological communities, or their habitats” as defined under the Environmental Planning and Assessment Act (1979).

The following points may be considered for the proposed tree removal under this application;

- ✚ The applicant considers choosing advanced plant species indigenous to the area, and thus would help to increase flora and fauna habitat and greater diversity of the area,
- ✚ Plantings should take into consideration the high priority of the visual element,
- ✚ The trees should be programmed to be removed whilst they are upright and intact,
- ✚ The trees prior to removal shall be fully investigated for any nesting or roosting fauna,

Replacement tree species included but not limited to the following species; Tuckeroo (*Cupaniopsis anacardioides*), Blueberry Ash (*Elaeocarpus reticulatus*), Cheese Tree (*Glochidion ferdinandi*) and Water Gum (*Tristaniaopsis laurina*)

As stated, this tabled report is a snap shot of the existing trees structural condition, health and condition at that particular point in time on site and should be used as a guide when assessing this Development Application.

In summary, no objections to these trees’ removal is raised, subject to appropriate environmental safeguards and relevant replacement plantings where appropriate

No long-term impacts or adverse effects are anticipated to local fauna; furthermore, there are no unforeseen circumstances that would warrant this tree removal application to be declined.

Should you require further clarification with regards to this letter please contact me on 0425 308 275BH.

Regards Scott

Scott Freeman

Scott Freeman- Principal
Horticultural Management Services
Diploma of Arboriculture (AQF L5)
ISA Tree Risk Assessment (TRAQ) Certified
Diploma of Horticulture
Diploma of Conservation and Land Management

TREE IDENTIFICATION ASSESSMENT SUMMARY

Risk Matrix	Catastrophic Urgent- Tree requires immediate removal due to WH&S concerns.	Major Tree requires removal as part of development application or due to WH&S concerns.	Moderate TPO Exempt due to species or height requirements. Can be removed without consent.	Low Tree to be retained, protected and monitored.
--------------------	--	---	--	---

Tree Number	Tree Species	Height	DBH @ 1.4m	SRZ Required	TPZ Required	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Moderate * Low * Nil	Landscape/ Visual Significance * High * Moderate * Low * Nil	Tree to be Retained and Arborist Comments * Yes * No
46	Spotted Gum <i>Corymbia maculata</i>	16m	320mm	N/A	N/A	Mature	Good	Good	3	Low	Low	Tree is to be removed, due to the addition of covered outdoor learning area off the support unit. This is a SINSW requirement for support unit facilities. It will be replaced in the landscape upon completion.
47	Spotted Gum <i>Corymbia maculata</i>	16m	340mm	N/A	N/A	Mature	Good	Good	3	Low	Low	Tree is to be removed, due to the addition of covered outdoor learning area off the support unit and replaced in the landscape upon completion.

48	Spotted Gum <i>Corymbia maculata</i>	16m	340mm	N/A	N/A	Mature	Good	Good	3	Low	Low	Tree is to be removed, due to the addition of covered outdoor learning area off the support unit and replaced in the landscape upon completion.
49	Lemon-scented gum <i>Eucalyptus citriodora</i>	15m	490mm	2.4m	5.8m	Mature	Good	Good	3	Low	Low	Yes, based on AS4970-2009 Protection of Trees on Development Sites, this tree is sufficiently distanced to be safely retained.
66	Southern Blue Gum <i>Eucalyptus bicostata</i>	9m	550mm	N/A	N/A	Mature	Fair	Fair	4	Low to	Low	No, tree is required to be removed as it is located within the scope of works and replaced in the landscape upon completion.
79	Spotted Gum <i>Corymbia maculata</i>	15m	500mm	N/A	N/A	Mature	Good	Good	3	Low	Low	No, tree is required to be removed as it is located within the scope of works and replaced in the landscape upon completion.

80	Jacaranda <i>Jacaranda mimosifolia</i>	9m	390mm	N/A	N/A	Mature	Good	Good	3	Nil	Low	No, tree is required to be removed as it is located within the scope of works and replaced in the landscape upon completion.
----	---	----	-------	-----	-----	--------	------	------	---	-----	-----	--

Figure 1 Shows a detailed list of trees observed and assessed in relation to this application. All species were identified, assessed and referenced against Councils Tree Preservation Guidelines by a Qualified Horticulturist and AQF Level 5 Arborist (Dip Arb).

APPROVED PLANS AND TREE LOCATION

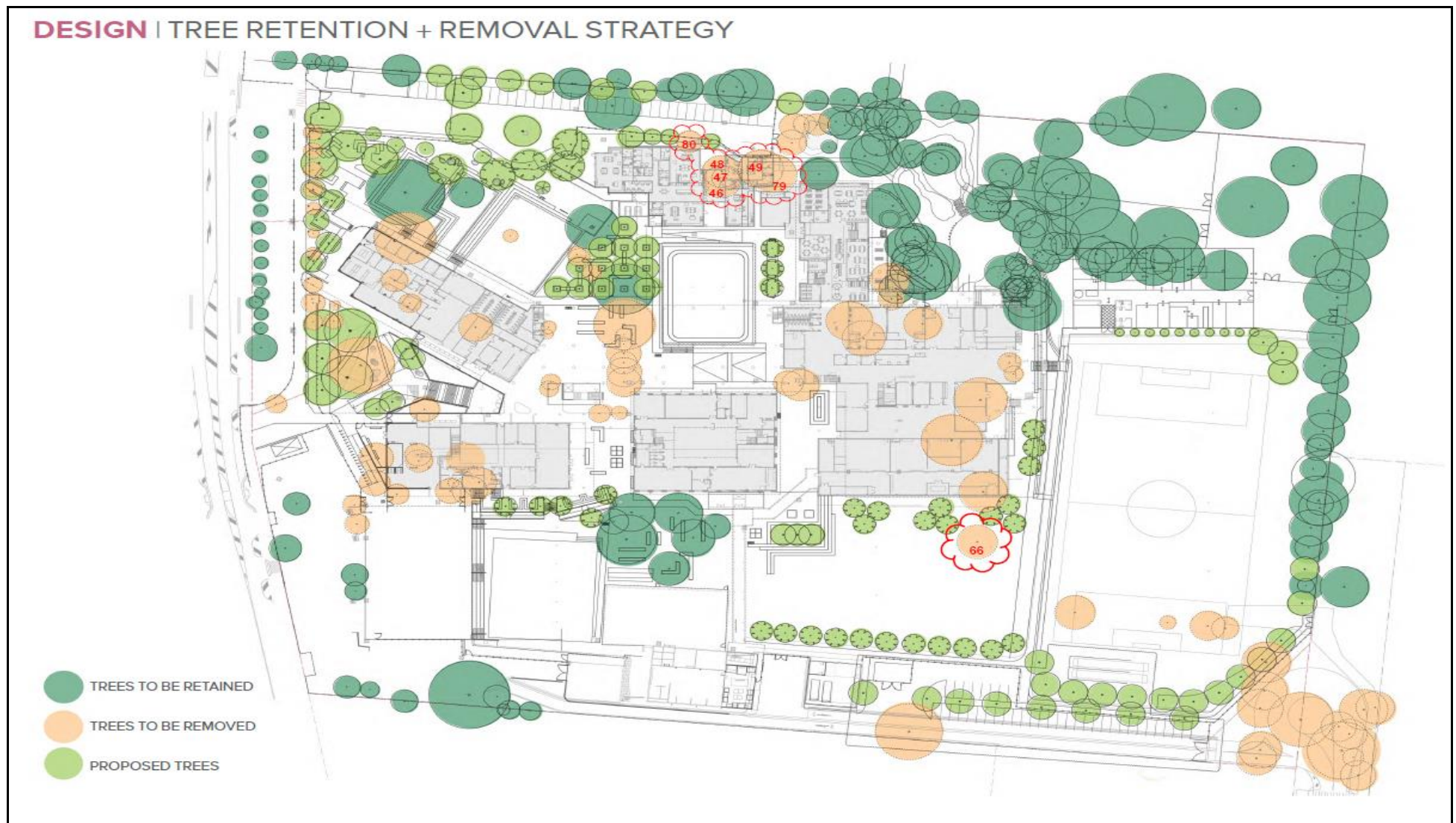


Figure 2 Shows the trees location within the building works

SITE PHOTOS



Figure 3 Shows Tree 80 that is required to be removed as part of the works.



Figure 4 Shows Trees 47, 47, 48, 49 and 79 to be removed.