

Landscape Referral Response

Application Number:	REV2022/0004
Date:	22/04/2022
Responsible Officer:	Maxwell Duncan
Land to be developed (Address):	Lot 111 DP 11936 , 16 Bangaroo Street NORTH BALGOWLAH NSW 2093

Reasons for referral

This application seeks consent for the following:

- Construction / development works within 5 metres of a tree or
- New residential works with three or more dwellings. (RFB's, townhouses, seniors living, guesthouses, etc). or
- Mixed use developments containing three or more residential dwellings.
- New Dwellings or

Officer comments

The proposal for alterations and additions to the existing dwelling and use as a centre-based child care facility under this review application is assessed by an alternate Landscape Officer to DA2021/0680.

As outlined in the Statement of Environmental Effects the changes, for review, to DA2021/0680 are mainly related to traffic issues and children capacity limits. There are no changes to the information provided regarding the landscape.

No Arboricultural Impact Assessment is included as part of the application however the Statement of Environmental Effects provided in DA2021/0680 indicated no trees were to be removed for the proposed works; "The proposal does not require the removal of any flora or fauna". As outlined in the Landscape Referral for DA2021/0680 some vegetation to the southern side of the front yard will need to be removed to accommodate the new parking area. All other trees and vegetation shall be retained and protected subject to the imposed conditions. Landscape Referral notes that the two mature *Magnolia* trees to the rear of the dwelling shall be retained and protected and all works within the tree protection zone of these trees shall be supervised by a Project Arborist subject to the imposed conditions.

The proposal is therefore supported.

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

Recommended Landscape Conditions:

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE

Tree Protection Plan

a) A Tree Protection Plan shall be submitted to the Certifying Authority for approval prior to the issue of a Construction Certificate, demonstrating tree protection measures to protect the following trees:

- i) two mature Magnolia trees in the rear setback,
- ii) palms in the north-eastern corner of the site, adjacent to the road reserve.

b) The Tree Protection Plan shall be prepared by an Arborist with minimum AQF Level 5 in arboriculture, incorporating the following:

- i) layout of the development, including existing and proposed underground services,
- ii) location of all trees identified for retention, including extent of canopy,
- iii) access routes throughout the site for construction activity,
- iv) plan documentation of tree protection measures including: location of tree protection fencing / barriers for the aforementioned trees, and/or; root protection in the form of mulching or boards proposed within the tree protection zone, as required; and trunk and branch protection within the tree protection zone, as required,
- v) location of stockpile areas and materials storage,
- vi) inspection hold points,
- vii) other general tree protection measures.

c) Tree protection methods are to be in accordance with AS4970-2009 Protection of Trees on Development Sites.

Reason: Tree protection.

CONDITIONS THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT

Project Arborist

A Project Arborist with minimum AQF Level 5 in arboriculture shall be engaged to provide tree protection measures in accordance with Australian Standard 4970-2009 Protection of Trees on Development Sites, and the recommendations of the Tree Protection Plan.

The Project Arborist shall be in attendance and supervise all works as nominated in the Tree Protection Plan, and in particular:

- i) tree protection measures,
- ii) all landscaping works within the TPZ of existing trees to be retained, in particular the installation of the artificial grass to the rear of the dwelling.

Existing ground levels shall be maintained within the tree protection zone of trees to be retained, unless authorised by the Project Arborist.

All tree protection measures specified must:

- a) be in place before work commences on the site, and
- b) be maintained in good condition during the construction period, and
- c) remain in place for the duration of the construction works.

The Project Arborist shall provide certification to the Certifying Authority that all recommendations listed for the protection of the existing tree(s) have been carried out satisfactorily to ensure no impact to the health of the tree(s). Photographic documentation of the condition of all trees to be retained shall be recorded, including at commencement, during the works and at completion.

Note:

- i) A separate permit or development consent may be required if the branches or roots of a protected

tree on the site or on an adjoining site are required to be pruned or removed.

ii) Any potential impact to trees as assessed by the Project Arborist will require redesign of any approved component to ensure existing trees upon the subject site and adjoining properties are preserved and shall be the subject of a modification application where applicable.

Reason: Tree protection.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Tree and Vegetation Protection

a) Existing trees and vegetation shall be retained and protected, including:

- i) all trees and vegetation within the site, excluding exempt trees and vegetation under the relevant planning instruments of legislation,
- ii) all trees and vegetation located on adjoining properties,
- iii) all road reserve trees and vegetation,

b) Tree protection shall be undertaken as follows:

- i) tree protection shall be in accordance with Australian Standard 4970-2009 Protection of Trees on Development Sites, including the provision of temporary fencing to protect existing trees within 5 metres of development,
- ii) existing ground levels shall be maintained within the tree protection zone of trees to be retained, unless authorised by an Arborist with minimum AQF Level 5 in arboriculture,
- iii) removal of existing tree roots at or >25mm (Ø) diameter is not permitted without consultation with an Arborist with minimum AQF Level 5 in arboriculture,
- iv) no excavated material, building material storage, site facilities, nor landscape materials are to be placed within the canopy dripline of trees and other vegetation required to be retained,
- v) structures are to bridge tree roots at or >25mm (Ø) diameter unless directed by an Arborist with minimum AQF Level 5 in arboriculture on site,
- vi) excavation for stormwater lines and all other utility services is not permitted within the tree protection zone, without consultation with an Arborist with minimum AQF Level 5 in arboriculture including advice on root protection measures,
- vii) should either or all of v) or vi) occur during site establishment and construction works, an Arborist with minimum AQF Level 5 in arboriculture shall provide recommendations for tree protection measures. Details including photographic evidence of works undertaken shall be submitted by the Arborist to the Certifying Authority,
- viii) any temporary access to, or location of scaffolding within the tree protection zone of a protected tree or any other tree to be retained during the construction works is to be undertaken using the protection measures specified in sections 4.5.3 and 4.5.6 of Australian Standard 4970-2009 Protection of Trees on Development Sites,
- ix) tree pruning from within the site to enable approved works shall not exceed 10% of any tree canopy, and shall be in accordance with Australian Standard 4373-2007 Pruning of Amenity Trees, and should additional pruning be required an application to Council's Tree Services shall be submitted for approval or otherwise.

The Certifying Authority must ensure that:

- c) The activities listed in section 4.2 of Australian Standard 4970-2009 Protection of Trees on Development Sites, do not occur within the tree protection zone of any tree, and any temporary access to, or location of scaffolding within the tree protection zone of a protected tree, or any other tree to be retained on the site during the construction, is undertaken using the protection measures specified in sections 4.5.3 and 4.5.6 of that standard.

Note: All street trees within the road verge and trees within private property are protected under

Northern Beaches Council development control plans, except where Council's written consent for removal has been obtained. The felling, lopping, topping, ringbarking, or removal of any tree(s) is prohibited.

Reason: Tree and vegetation protection.

CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE

Condition of Retained Vegetation - Project Arborist

Prior to the issue of an Occupation Certificate, a report prepared by the project arborist shall be submitted to the Certifying Authority, assessing the health and impact on all existing trees required to be retained, including the following information:

- i) compliance to any Arborist recommendations for tree protection generally and during excavation works,
- ii) extent of damage sustained by vegetation as a result of the construction works,
- iii) any subsequent remedial works required to ensure the long term retention of the vegetation.

Reason: Tree protection.