

Landscape Referral Response

Application Number:	DA2020/0717
Date:	30/09/2020
Responsible Officer:	Renee Ezzy
Land to be developed (Address):	Lot 1 DP 1209581 , 357 - 373 Warringah Road FRENCHS FOREST NSW 2086

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 Landscape Plans and Arborist's Report submitted with the application are noted.

The Landscape Plans indicate retention of Duffy's Forest Endangered Ecological Community on the site and a significant amount of tree, shrub and groundcover planting to compensate for trees proposed to be removed.

In total, 79 trees are proposed for removal. The trees comprise a mix of local native, native, exotic and exempt tree species across the site. 80 existing trees are to be retained across the site.

The Landscape Plans indicate replanting of 95 local native canopy trees in addition to smaller trees, shrubs and groundcovers across the site. The Duffy's Forest vegetation is to be protected and expanded via regeneration along the Warringah Road frontage of the site.

The Landscape Plans are considered suitable for the site and address the planning controls applicable to the site.

No objections are raised to approval subject to conditions as recommended.

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 THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT

Tree and vegetation protection

- a) Existing trees and vegetation shall be retained and protected, including:
 - i) all trees and vegetation within the site not indicated for removal on the approved plans, 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 not approved for removal.

- b) Tree protection shall be undertaken as follows:
 - i) tree protection shall be in accordance with the Arboricultural Impact Assessment Report dated 1 June 2020 prepared by Rain Tree Consulting and 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 the Project Arborist
 - iii) removal of existing tree roots at or >25mm (Ø) diameter is not permitted without consultation with the Project Arborist,
 - 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 the Project Arborist on site,
 - vi) excavation for stormwater lines and all other utility services is not permitted within the tree protection zone, without consultation with the Project Arborist including advice on root protection measures,
 - vii) should either or all of v) and vi) occur during site establishment and construction works, the Project Arborist 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) the activities listed in section 4.2 of Australian Standard 4970-2009 Protection of Trees on Development Sites shall not occur within the tree protection zone of any tree on the lot or any tree on an adjoining site
 - x) 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.
 - xi) the tree protection measures specified in this clause must: i) be in place before work commences on the site, and ii) be maintained in good condition during the construction period, and iii) remain in place for the duration of the construction works.

- c) The Certifying Authority must ensure that :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. Any request to remove a tree approved for retention under the development application is subject to a Section 4.55 modification application, or an assessment by an Arborist

with minimum AQF Level 5 in arboriculture that determines that the tree presents an imminent risk to life or property.

Reason: tree and vegetation protection.

Project Arborist

- a) A Project Arborist with minimum AQF Level 5 in arboriculture shall be engaged to provide tree protection measures in accordance with the Arboricultural Impact Assessment Report dated 1 June 2020 prepared by Rain Tree Consulting and Australian Standard 4970-2009 Protection of Trees on Development Sites.
- b) The Project Arborist is to specify and oversee all tree protection measures such as tree protection fencing, trunk and branch protection, and ground protection.
- c) The Project Arborist is to supervise all demolition, excavation and construction works near all trees to be retained, including construction methods near the existing trees to protect tree roots, trunks, branches and canopy. Where required, manual excavation is to occur ensuring no tree root at or >25mm (Ø) is damaged by works, unless approved by the Project Arborist.
- d) All tree protection measures specified must:
 - i) be in place before work commences on the site, and
 - ii) be maintained in good condition during the construction period, and
 - iii) remain in place for the duration of the construction works.
- e) 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: 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.

Reason: tree protection.

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

Landscape completion certification

- a) Prior to the issue of an Occupation Certificate, a landscape report prepared by a landscape architect or landscape designer shall be submitted to the Certifying Authority, certifying that the landscape works have been completed in accordance with the approved landscape plan and inclusive of any conditions of consent.
- b) Prior to the issue of an Occupation Certificate, a landscape report prepared by a landscape architect or landscape designer shall be submitted to the Certifying Authority, certifying that the landscape works have been established and maintained in accordance with the approved landscape plan.

Reason: To ensure that the landscape treatments are installed to provide landscape amenity.

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 Principal Certifying Authority, assessing the health and impact on all existing trees required to be retained, including the following information:

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

Reason: tree protection.

ON-GOING CONDITIONS THAT MUST BE COMPLIED WITH AT ALL TIMES

Landscape maintenance

- i) Trees shrubs and groundcovers required to be planted under this consent are to be mulched, watered and fertilized as required at the time of planting.
- ii) If any tree, shrub or groundcover required to be planted under this consent fails, they are to be replaced with similar species to maintain the landscape theme and be generally in accordance with the approved Landscape Plan.

Reason: To maintain local environmental amenity.