

Landscape Referral Response

Application Number:	DA2021/2344
Date:	06/12/2021
Responsible Officer:	Nick England
Land to be developed (Address):	Lot 6 DP 736961 , 10 Fern Creek Road WARRIEWOOD NSW 2102

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 development application is for the construction of a dwelling house and associated site and landscape works upon Lot 20.

Council's Landscape Referral staff have assessed the proposal against the following Pittwater 21 DCP Controls (but not limited to):

- B4.22 Preservation of Trees and Bushland Vegetation
- C1.1 Landscaping
- D16 Warriewood Valley Locality, and in particular D16.5 Landscaped Area for Newly Created Individual Allotments, and D16.12 Fences

The property within the lot boundaries contains two existing native trees, of which one shall be retained and the other requires removal due to its location within the building footprint. A Arboricultural Impact Statement is submitted and no concerns are raised subject to tree replacement.

A Landscape Plan is submitted proposing landscape works to enhance the landscape setting of the lot development and no concerns are raised, subject to conditions of consent, including an Amended Landscape Plan to provide detailed plans at Construction Certificate stage to ensure compliance with the Pittwater 21 DCP landscape controls, and the following shall be documented or amended on the detailed plans:

- the plant schedule shall include a minimum of 70% endemic vegetation, with all canopy trees to be endemic, whilst smaller trees may be exotic,
- exempt species are to be removed from the proposed plant schedule and these include Cupaniopsis, Fraxinus and Howea species listed in the development application document,
- environmental weeds are not permitted to be planted and shall be removed from the proposed plant schedule and these include Cupaniopsis, Rhipiolepis and Pennisetum species listed in the development application document,
- canopy tree endemic planting shall be Eucalyptus robusta, Angophora floribunda, Syzygium smithii, Tristaniopsis 'luscious' and Hymenosporum flavum, as nominated in the development application document,

- hard landscape materials shall be in accordance with the development application document,
- all canopy tree planting is to be located a minimum of 5 metres, and smaller trees at least 3 metres from existing and proposed dwellings,
- each tree is to be located at least 1.5 metres from adjoining common residential side boundaries,
- fencing is not permitted forward of the front building line. Boundaries between public and private land shall be delineated by vegetation, such as low hedges, garden beds or the like.

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

Amended Landscape Plan

An Amended Landscape Plan shall be issued to the Certifying Authority prior to the issue of a Construction Certificate to include the following details:

- the plant schedule shall include a minimum of 70% endemic vegetation, with all canopy trees to be endemic, whilst smaller trees may be exotic,
- exempt species are to be removed from the proposed plant schedule and these include Cupaniopsis, Fraxinus and Howea species listed in the development application document,
- environmental weeds are not permitted to be planted and shall be removed from the proposed plant schedule and these include Cupaniopsis, Rhipiolepis and Pennisetum species listed in the development application document,
- canopy tree endemic planting shall be Eucalyptus robusta, Angophora floribunda, Syzygium smithii, Tristaniopsis 'luscious' and Hymenosporum flavum, as nominated in the development application document,
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- fencing is not permitted forward of the front building line. Boundaries between public and private land shall be delineated by vegetation, such as low hedges, garden beds or the like.

Certification shall be provided to the Certifying Authority by a qualified Landscape Architect that these amendments have been documented.

Reason: Landscape amenity.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Protection of Existing Street Trees

All existing street trees in the vicinity of the works and the street trees at the development site frontage shall be retained during all construction stages and thereafter. Existing tree guards shall be maintained in place.

Should any street tree along the site frontage not contain a tree guard or the existing tree guard is damaged during works, tree protection fencing consisting of a four sided 1.8m high x 2.4m length standard wire mesh construction fence, in accordance with Australian Standard AS 4687-2007: Temporary Fencing & Hoardings, shall be installed around the tree for the duration of the works.

Any street tree damaged or removed shall be replaced at a minimum container size of 200 litres, and in accordance with guidelines provided by Council.

Reason: to retain and protect tree planting on development sites.

Tree and Vegetation Protection

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

- i) all trees and vegetation within the site not approved for removal, 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.

c) Tree protection shall specifically be undertaken in accordance with the recommendations in the Arboricultural Impact Assessment, as listed in the following sections:

- i) section 11 Tree Protection Requirements including tree protection fencing to tree 5
- ii) section 12 Construction Hold Points

The Certifying Authority must ensure that:

- d) 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

Landscape Completion

Landscaping is to be implemented in accordance with the approved Amended Landscape Plan.

Prior to the issue of any Occupation Certificate details (from a qualified landscape architect) shall be submitted to the Certifying Authority certifying that the landscape works have been completed in accordance with any conditions of consent.

Reason: Environmental amenity.

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

Landscape Maintenance

If any landscape materials/components or planting under this consent fails, they are to be replaced with similar materials/components. Trees, shrubs and groundcovers required to be planted under this consent are to be mulched, watered and fertilised as required at the time of planting.

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 and any conditions of consent.

All weeds are to be removed and controlled in accordance with the NSW Biosecurity Act 2015.

Reason: To maintain local environmental amenity.