

## Landscape Referral Response

<b>Application Number:</b>	DA2020/1336
<b>Date:</b>	17/12/2020
<b>Responsible Officer:</b>	Thomas Prosser
<b>Land to be developed (Address):</b>	Lot 32 DP 13325 , 4 Park Avenue AVALON BEACH NSW 2107

### 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 alterations and additions to an existing dwelling, and a detached secondary dwelling.

Council's Landscape Referral is assessed against the Pittwater Local Environment Plan clause E4 Environmental Living zone, and the following Pittwater 21 DCP Controls:

- B4.22 Preservation of Trees and Bushland Vegetation
- C1.1 Landscaping
- C1.11 Secondary Dwellings and Rural Worker's Dwellings
- D1 Avalon Beach Locality

The site is located in the E4 Environmental Living zone, requiring development to achieve a scale integrated with the landform and landscape, and to minimise impact on the natural environment, including the retention of natural landscape features and existing trees.

The existing site supports existing native and exotic trees, garden planting and lawn. A Arboricultural Impact Assessment is provided with the application recommending the removal of four existing trees within the property (trees 14 - Paperbark, 15 - She Oak, 16 - Native Daphne, and 17 - Willow Bottlebrush) that require Council consent, and approval is subject to native tree replacement within the site to satisfy the objectives of clause E4 Environmental Living zone. Additional trees/palms within the property identified as Exempt Species do not require Council consent for management or removal. All existing trees and vegetation within adjoining properties, including on common boundaries shall be protected.

A Landscape Plan is provided with the application indicating retention of existing landscape elements, trees and vegetation. Condition of consent shall be imposed for tree replacement.

Landscape Referral raise no objections, subject to the completion of the landscape works, and protection of existing trees and vegetation.

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**

#### **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. The Project Arborist is to specify and oversee all tree protection measures such as tree protection fencing, trunk and branch protection, and ground protection.

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.

The Project Arborist shall be in attendance and supervise all works as nominated in the Arboricultural Impact Assessment, including:

- i) works listed under section 1.43, 1.4.4, 1.4.7,
- ii) works under section 2.2 Recommended tree management & protection principles
- iii) works under section 2.3 General tree protection requirements, and in particular 6) Hold Points

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.

#### **Tree removal within the property**

This consent approves the removal of the following trees within the property (as identified and recommended in the Arboricultural Impact Assessment):

- tree 14 - Paperbark, subject to tree replacement
- tree 15 - She Oak, subject to tree replacement
- tree 16 - Native Daphne, subject to tree replacement
- tree 17 - Willow Bottlebrush, subject to tree replacement

Exempt Species (5 metres or less in height or exempt by species type) do not require Council consent for management or removal (as identified and recommended in the Arboricultural Impact Assessment):

Reason: to enable authorised building works.

Note: 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.

## 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 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), vi) and vii) 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) 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) Tree protection shall specifically be undertaken in accordance with the recommendations in the Arboricultural Impact Assessment.

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**

### **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:

- 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.

### **Required tree planting**

Trees shall be planted in accordance with the following requirements:

- i) four (4) locally native trees shall be selected from Council's list:  
[www.northernbeaches.nsw.gov.au/environment/native-plants/native-plant-species-guide](http://www.northernbeaches.nsw.gov.au/environment/native-plants/native-plant-species-guide) Pittwater Ward, and capable of attaining at least 6 metres in height at maturity, with at least one capable of attaining 10 in height at maturity,
- ii) all trees shall be a minimum planting size of 75 litres, with one located within the front setback, two between the main dwelling and the secondary dwelling, and one within the rear setback,
- iii) tree planting shall be located within a 9m<sup>2</sup> deep soil area within the site and be located a minimum of 3 metres from existing and proposed buildings,
- iv) tree planting shall be located to minimise significant impacts on neighbours in terms of blocking winter sunlight, or where the proposed tree location may impact upon significant views.

Details demonstrating compliance are to be submitted to the Certifying Authority prior to the issue of the Occupation Certificate.

Reason: to maintain 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 fertilized 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.

Reason: to maintain local environmental amenity.