

## Landscape Referral Response

<b>Application Number:</b>	DA2024/1825
<b>Date:</b>	30/01/2025
<b>Proposed Development:</b>	Alterations and additions to a semi-detached dwelling
<b>Responsible Officer:</b>	Julie Edwards
<b>Land to be developed (Address):</b>	Lot 37A DP 438218 , 12 Pacific Parade MANLY NSW 2095

### 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 application seeks consent for: Alterations and additions to a semi-detached dwelling.

The Arborist's Report prepared by Margot Blues Consulting Arborist is noted.

The proposal includes creation of a new parking space and driveway crossover.

The site adjoins two heritage listed items, street trees in Pacific Parade and stone kerbs in Pacific Parade.

The proposed driveway cross-over may require removal of stone kerbs and is also located close to one of the listed street trees (*Cinnamomum camphora*).

Removal of stone kerbs is left to Heritage assessment. Impacts on the listed tree from an Arboricultural perspective forms the basis of this referral assessment.

The tree is located within the paved roadway. Street parking is currently permissible up to the tree's trunk. The proposed driveway access to the street would require removal of the parking space closest to the tree, which would assist in reducing compaction on roots. It is noted in the Geotechnical report prepared by White Geotechnical Group indicates that the soil profile on the subject site is deep sandy soil, which would also facilitate development of deeper root systems.

The Arborist's report indicates that works would be outside the Structural Root Zone of the tree with an acceptable level of incursion into the Tree Protection Zone, subject to Arboricultural supervision during excavation and construction works.

No other trees are noted to be impacted by the proposed works in the Arborist's report.

In consideration of the above, no objections are raised from an Arboricultural perspective to the proposed works, 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 TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE**

**Heritage Listed Trees**

The site contains / is adjacent to Heritage Listed Trees as identified in the Local Environmental Plan. Heritage Listed Trees are to be protected from damage during construction.

- a) The following Heritage Listed Trees are located within the vicinity of the approved works:  
*Cinnamomum camphora* forward of the property within Pacific Parade
  - i)
- b) A Tree Protection Plan is to be prepared by an Arborist with minimum AQF Level 5 in arboriculture incorporating the following:
  - i) annotated photographs of the tree(s) trunk, branches and any exposed roots,
  - ii) tree protection measures and Project Arborist inspection hold points in accordance with AS4970-Protection of Trees on Development Sites.

The Tree Protection Plan for the Heritage Listed Trees shall be provided to the Certifier prior to the issue of the Construction Certificate.

Reason: protection of significant community assets.

**CONDITIONS THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT**

**Project Arborist**

A Project Arborist with minimum AQF Level 5 in arboriculture shall be engaged prior to any commencement of works on site to provide tree protection measures in accordance with the approved Heritage Listed Tree Protection Plan and AS4970-2009 Protection of trees on development sites, and any recommendations of an approved Arboricultural Impact Assessment.

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

- a) Demolition, excavation and construction works associated with the driveway crossover and hardstand parking area.

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 Principal Certifier that all tree protection measures under AS4970-2009 have been satisfied, and the 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: 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**

### **Protection of Existing Street Trees**

All existing street trees in the vicinity of the works shall be retained during all construction stages, and the street tree(s) fronting the development site shall be protected by tree protection fencing in accordance with Section 4 of AS4970-2009 Protection of trees on development sites. As a minimum the tree protection fencing for street tree(s) fronting the development site shall consist of standard 2.4m panel length to four sides and in accordance with Australian Standard 4687-2007 Temporary Fencing and Hoardings, unless otherwise directed by an Arborist with minimum AQF Level 5 in arboriculture. All fencing shall be located to allow for unrestricted and safe pedestrian access upon the road verge.

All street trees within the road verge 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. No excavated material, building material storage, site facilities, nor landscape materials are to be placed within the canopy dripline of street trees.

Reason: Street tree protection.

### **Tree and Vegetation Protection**

- a) Existing trees and vegetation shall be retained and protected, including:
  - i) all non-exempt trees within the site,
  - ii) all trees and vegetation located on adjoining properties,
  - iii) all trees and vegetation within the road reserve.
- b) Tree protection shall be undertaken as follows:
  - i) tree protection shall be in accordance with the approved Tree Protection Plan and AS4970-2009 Protection of trees on development sites, and any recommendations of an approved Arboricultural Impact Assessment,
  - 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) or 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 Project Arborist to the Principal Certifier,
- 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 AS4970-2009 Protection of trees on development sites,
- ix) the activities listed in section 4.2 of AS4970-2009 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 AS4373-2007 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.

The Principal Certifier must ensure that:

- c) The arboricultural works listed in a) and b) are undertaken and certified by the Project Arborist as compliant to AS4970-2009 Protection of trees on development sites, and any recommendations of an approved Arboricultural Impact Assessment.

Reason: Tree and vegetation protection.

### **Condition of Trees**

During the construction period the applicant is responsible for ensuring all existing trees required to be retained are maintained in a healthy and vigorous condition. This is to be done by ensuring that all identified tree protection measures are adhered to or by seeking arboricultural advice from the Project Arborist during the works.

In this regard all protected trees shall not exhibit:

- i) a general decline in health and vigour,
- ii) damaged, crushed or dying roots due to poor pruning techniques,
- iii) more than 10% loss or dieback of roots, branches and foliage,
- iv) mechanical damage or bruising of bark and timber of roots, trunk and branches,
- v) yellowing of foliage or a thinning of the canopy untypical of its species,
- vi) an increase in the amount of deadwood not associated with normal growth,

- vii) an increase in kino or gum exudation,
- viii) inappropriate increases in epicormic growth that may indicate that the plants are in a stressed condition,
- ix) branch drop, torn branches and stripped bark not associated with natural climatic conditions.

Any mitigating measures and recommendations required by the Arborist are to be implemented.

The owner of the adjoining allotment of land is not liable for the cost of work carried out for the purpose of this clause.

Reason: Protection of trees.

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

#### **Condition of Retained Vegetation**

Prior to the issue of an Occupation Certificate, a report prepared by the Project Arborist shall be submitted to the Principal Certifier, 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 and vegetation protection.