

Landscape Referral Response

Application Number:	DA2024/1379
Date:	06/01/2025
Proposed Development:	Demolition works and construction of a dwelling house
Responsible Officer:	Thomas Burns
Land to be developed (Address):	Lot 35 DP 6462 , 64 Powderworks Road NORTH NARRABEEN NSW 2101

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

Council's Landscape Referral is assessed against the Pittwater Local Environment Plan (PLEP) clause C4 zone Environmental Living, and the following Pittwater 21 Development Control Plan (PDCP) controls (but not limited to): B4.22 Preservation of Trees and Bushland Vegetation; C1.1 Landscaping; and D11 North Narrabeen Locality

The site is located in the C4 Environmental Living zone, requiring development to achieve a scale integrated with the landform and landscape, and to minimise impact on the natural environment with ecological, scientific or aesthetic values, including the retention of natural landscape features and existing trees, to satisfy the landscape objectives of the C4 Environmental Living zone. It is noted that the lower slopes of the property is located within the Department of Planning, Industry and Environment's (DPIE) Biodiversity Values Map (BVM) under the Biodiversity Conservation Act.

An Arboricultural Impact Assessment (AIA) and a Landscape Plan are submitted for consideration by Landscape Referral.

Referral comments 6 January 2025:

Amended Site Plans and an amended Arboricultural Impact Assessment (AIA) is submitted to address the concerns raised previously. It is noted that the internal driveway alignment has been realigned to assist with the preservation of tree 3 and the AIA additionally provides tree protection measures and construction advice near tree 3 that is able to be imposed into the conditions.

An updated Landscape Plan has not been submitted as requested and conditions shall be imposed for an Amended Landscape Plan to be co-ordinated for approved at construction certificate stage, to include the retention of both tree 1 and tree 3.

Should the application be approved, Landscape Referral provide conditions of consent.

Referral comments 6 November 2024:

The Landscape Plans are noted and it is advised that the plans require co-ordination with the AIA report as the Landscape Plans indicate removal of tree 3 (Angophora costata - Smooth Barked Apple) which is assessed for retention in the AIA report. Additionally it is noted that the proposed landscape works within the road reserve verge are subject to a minor encroachment application for approval or otherwise, and/or approval or otherwise under a Roads Act section 138/139 application.

It is noted that the AIA report recommends the removal of a visually prominent tree of landscape significance and of a high retention value identified as tree 3 (Angophora costata - Smooth Barked Apple). The AIA report determines tree 3 with: " a high retention value on the basis of its crown volume, ecological significance and a long estimated life expectancy". Certainly the tree exhibits a prominent landscape element with high dominant canopy and with an apparent typical condition, and Landscape Referral consider that tree 3 should be a constraint to development and the proposed driveway should be located and designed to preserve this tree. It is noted that the encroachment as advised in the AIA is calculated at 24% which is considered to be manageable with tree sensitive excavation and driveway design. Other AIA recommendations for removal raise no concerns.

Landscape Referral require realignment of the proposed driveway to preserve tree 3, unless evidence is submitted that tree 3 presents a risk to persons and property or presents with arboricultural issues (structure, defects, etc).

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 Certifier prior to the issue of a Construction Certificate to include the following details:

- i) co-ordinated plan layout with approved plans and reports under the development consent, including the approved Site Plans and Arboricultural Impact Assessment,
- ii) clear graphic documentation and notation of existing trees identified as tree 1 and tree 3 as retained on the Amended Landscape Plan,
- iii) removal of landscape works with the public road reserve,
- iv) proposed tree planting shall be noted as pre-ordered stock at 75 litre container size.

Certification shall be provided to the Certifier that these amendments have been documented.

Reason: Landscape amenity.

Footing Design Near Trees to be Retained

a) Pier footing locations shall be developed in co-ordination with an Arborist with AQF minimum Level 5 qualifications in arboriculture, and a qualified Structural Engineer, following a tree root investigation by the Arborist near existing tree 1 (Smooth Barked Apple) and in accordance with section 5.4 of the approved Arboricultural Impact Assessment, to locate critical tree roots and recommend footing design

and locations for the construction works.

- b) the Arborist shall review, comment, recommend design revision as required and approve the footing layout, to ensure the locations of footings will be manageable in terms of tree protection measures.
- c) the Arborist shall submit certification to the Certifier, that the locations of the footings are accepted.
- d) the agreed footing structural layout plans shall be submitted to the Certifier for approval prior to the issue of a Construction Certificate.

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 prior to any commencement of works on site to provide tree protection measures in accordance with 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 works as nominated in the Arboricultural Impact Assessment, and in particular:

- a) tree protection requirements for tree 1 as listed under section 5.4,
- b) tree protection requirements for tree 3 as listed under section 5.5,
- c) preparation of a Tree Protection Plan under section 5.6.

All tree protection measures specified must: be in place before work commences on the site; be maintained in good condition during the construction period; and remain in place for the duration of the construction works. The Project Arborist shall provide certification to the 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.

Tree Removal Within the Property

This consent approves the removal of existing prescribed trees on the subject site as identified in the approved Arboricultural Impact Assessment, approved Plans, or as listed below:

- a) tree 6,
- b) a qualified AQF level 5 Arborist shall identify these trees on site and tag or mark prior to removal.

Reason: To enable authorised development works.

Tree Removal Within the Road Reserve

This consent approves the removal of existing trees within the road reserve as identified in the approved Arboricultural Impact Assessment, or as listed below:

- a) tree 10, subject to tree replacement within the road reserve,
- b) a qualified AQF level 5 Arborist shall identify these trees on site and tag or mark prior to removal.

Removal of the approved tree/s in the road reserve shall only be undertaken by a Council approved

tree contractor, as engaged by the applicant. Details of currently approved tree contractors can be obtained from Northern Beaches Council's Trees Services business unit prior to removal.

Reason: Public liability.

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 prescribed trees within the site not approved for removal, including trees and vegetation nominated for retention on the approved Plans,
- 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 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 an Arborist/Project 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/Project 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/Project 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/Project 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/Project 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/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 as complaint to AS4970-2009 Protection of trees on development sites, and any recommendations of an approved Arboricultural Impact Assessment and/or Project Arborist as applicable.

Reason: Tree and vegetation protection.

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

Street Tree Planting

Street tree planting shall be installed in accordance with the following: one (1) *Angophora costata* (Sydney Red Gum).

All street trees shall be a minimum pre-ordered planting size of 45-75 litres, and shall meet the requirements of Australian Standard AS2303 - Tree Stock for Landscape Use. All street trees shall be planted into a prepared planting hole 1m x 1m x 600mm depth, backfilled with a sandy loam mix or approved similar, mulched to 75mm depth minimum and maintained, including a four post and top and mid rail timber tree guard, and watered until established, and shall be generally located at least 2.0 metres from driveways, and shall generally be centralised within the road verge.

Details demonstrating compliance are to be submitted to the Principal Certifier prior to the issue of any Occupation Certificate.

Reason: To maintain environmental and streetscape amenity.

Landscape Completion

Landscape works are to be implemented in accordance with the approved Landscape Plan (as amended by conditions of consent), and inclusive of the following conditions:

- a) landscape works are to be contained within the legal property boundaries,
- b) tree, shrub and groundcover planting shall be installed as indicated on the approved Landscape Plan, unless otherwise imposed by conditions,
- c) all tree planting shall be a minimum pre-ordered planting size of 75 litres or as otherwise scheduled if greater in size; meet the requirements of Australian Standard AS2303 - Tree Stock for Landscape Use; planted into a prepared planting hole 1m x 1m x 600mm depth generally, backfilled with a sandy loam mix or approved similar, mulched to 75mm depth minimum and maintained, and watered until established; and shall be located at least 3.0 metres from buildings or more, at least 1.5 metres from common boundaries; and located either within garden bed or within a prepared bed within lawn,
- d) mass planting shall be in a garden bed prepared with a suitable free draining soil mix and minimum 75mm depth of mulch,
- e) all proposed tree planting shall be positioned in locations to minimise significant impacts on neighbours in terms of blocking winter sunlight to living rooms, private open space and where the proposed location of trees may otherwise be positioned to minimise any significant loss of views from neighbouring and nearby dwellings and from public spaces,
- f) the landscape treatment around existing tree 1 shall consist of soft landscape treatment such as garden or lawn.

Prior to the issue of an Occupation Certificate, details (from a landscape architect, landscape designer or qualified horticulturalist) shall be submitted to the Principal Certifier, certifying that the landscape works have been completed in accordance with any conditions of consent.

Reason: Environmental amenity.

Condition of Retained Vegetation

Prior to the issue of an Occupation Certificate, a report prepared by an Arborist/Project Arborist with minimum AQF Level 5 in arboriculture shall be submitted to the Principal Certifier, assessing the health and impact on all existing trees required to be retained on the approved Plans or as listed in the approved Arboricultural Impact Assessment, 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.

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.

The approved landscape area shall in perpetuity remain as planting under the development consent, and shall not be replaced with any hard paved surfaces or structures.

Reason: To maintain local environmental amenity.