

Landscape Referral Response

Application Number:	DA2025/0597
Date:	17/06/2025
Proposed Development:	Alterations and additions to a dwelling house including a swimming pool and boat shed
Responsible Officer:	Brittany Harrison
Land to be developed (Address):	Lot 1 DP 771371 , 72 Cabarita Road 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 proposal is supported with regard to landscape issues.

Council's Landscape Referral is assessed against the Pittwater Local Environment Plan clause C4 zone Environmental Living, and the following Pittwater 21 DCP controls (but not limited to):

- B4.22 Preservation of Trees and Bushland Vegetation
- C1.1 Landscaping
- D1 Avalon Beach Locality

The Arboricultural Impact Assessment (AIA) identified 20 trees. One tree is proposed for removal, tree 16, which is exempt and may be managed or removed at the discretion of the applicant without consent. The new suspended works in the front setback will be in close proximity to existing significant trees 12, 13 and 14. As recommended in the AIA some root investigations will be required and the Arborist shall be satisfied that the proposed design will allow the viable retention of the existing trees or design modifications may be required, as determined by the Arborist. A Project Arborist shall be engaged to supervise all works in the tree protection zone of trees to be retained, as outlined in the AIA. All transplanted palms shall be done so under the supervision of the Project Arborist.

The landscape proposal is generally supported and all proposed planting shall be installed in accordance with the requirements outlined in the conditions of consent. All *Pennisetum* species shall be substituted with a suitable alternative as this species is deemed an environmental threat. Some areas of planting will be atop the 'pool plant room' and as such these areas must meet Council's minimum soil depth requirements for on slab planting.

Note to planner: the western wall of the boatshed should be located greater than 2 metres from the

trunk of tree 1.

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**

Footing Design Near Trees to be Retained

a) Footing structural layout plans for the works including the elevated carport structure, entry walkway, extension to hall 2 on level 4, and the southern side boundary steps shall be developed in co-ordination with an Arborist with AQF minimum Level 5 qualifications in arboriculture, and a qualified Structural Engineer, following a non-destructive tree root investigation (where deemed necessary by the Arborist), complying with clause 3.3.4 of AS 4970-2009 Protection of trees on development sites, near existing tree(s) 5, 12, 13 and 14, 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.

On Slab Landscape Works

a) Details shall be submitted to the Certifier prior to the issue of the Construction Certificate indicating the proposed method of waterproofing and drainage to all planters over slab, over which soil and planting is being provided. Landscape treatment details shall be submitted to the Certifier prior to the issue of the Construction Certificate indicating the proposed soil type, planting, automatic irrigation, and services connections.

b) The following soil depths are required to support planting: 300mm for groundcovers, grasses, and lawn; 600mm for shrubs; and 1m for small trees.

c) Design certification shall be submitted to the Certifier by a qualified Structural Engineer, that the planters are designed structurally to support the 'wet' weight of landscaping (soil, materials and established planting).

Reason: To ensure appropriate soil depth for planting and ensure waterproofing and drainage is installed.

CONDITIONS THAT MUST BE ADDRESSED PRIOR TO ANY COMMENCEMENT

Project Arborist

Project Arborist

- a) 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 AS 4970-2009 Protection of trees on development sites, and any recommendations of an approved Arboricultural Impact Assessment.
- b) The Project Arborist shall be in attendance and supervise all works as nominated in the Arboricultural Impact Assessment, and in particular:
- i) tree protection measures and works under sections 8 Recommendations and Mitigation Strategies, 9 AWMS and Tree Protection Requirements, 10 Hold Points, and Appendix 1A.
- c) 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.
- d) The Project Arborist shall provide certification to the Certifier that all tree protection measures under AS 4970-2009 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

Tree and Vegetation Protection

- a) Existing trees and vegetation shall be retained and protected, including:
- i) all 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 AS 4970-2009 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 AS 4970-2009 Protection of trees on development sites,

ix) the activities listed in section 4.2 of AS 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 AS 4373-2007 Pruning of amenity trees,

xi) the tree protection measures specified in this clause 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.

c) The Principal Certifier must ensure that:

i) If activated, the arboricultural works listed in a) and b) are undertaken and certified by an Arborist/Project Arborist as complaint to AS 4970-2009 Protection of trees on development sites, and any recommendations of an approved Arboricultural Impact Assessment.

Reason: Tree and vegetation protection.

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

Landscape Completion

a) Landscape works are to be implemented in accordance with the approved Landscape Plan(s), and inclusive of the following conditions:

i) landscape works are to be contained within the legal property boundaries,

ii) planting shall be installed as indicated on the approved Landscape Plan(s) unless otherwise imposed by any conditions,

iii) mass planting shall be installed in a garden bed prepared with a suitable free draining soil mix and minimum 75mm depth of mulch,

iv) where swimming pools are part of the development works, selected planting shall comply with the planting and care requirements of AS1926.1 for a non-climbable zone,

v) substitute all *Pennisetum* species with a suitable native alternative.

b) 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

a) 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 Arboricultural Impact Assessment, including the following information:

i) compliance to any Arborist recommendations for tree protection generally and during excavation works,

ii) extent of damage sustained by vegetation as a result of the construction works,

iii) 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

- a) If any landscape materials/components or planting under this consent fails, they are to be replaced with similar materials/components.
- b) 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.
- c) 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(s) and any conditions of consent.
- d) A maintenance activity schedule for on-going maintenance of planters on slab shall be incorporated to monitor and replenish soil levels as a result of soil shrinkage over time.
- e) The approved landscape planted areas, whether containing lawn, gardens or planters 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.