

## Landscape Referral Response

<b>Application Number:</b>	DA2023/1832
<b>Date:</b>	03/01/2024
<b>Proposed Development:</b>	Construction of a dwelling house and detached studio
<b>Responsible Officer:</b>	Stephanie Gelder
<b>Land to be developed (Address):</b>	Lot 5 DP 590990 , 5 Portions Lovett Bay LOVETT BAY NSW 2105 Lot LIC 301874 , 5 Portions Lovett Bay LOVETT BAY NSW 2105

### 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 section have assessed the application against the Pittwater Local Environment Plan 2014 zone C3 Environmental Management, and the following Pittwater 21 DCP controls (but not limited to):

- B4.22 Preservation of Trees and Bushland Vegetation
- C1.1 Landscaping
- D8 Lower Western Foreshores and Scotland Island Locality

The site is within zone C3 Environmental Management, and the following objectives are to be achieved and/or maintained by development: protect, manage and restore areas with special ecological, scientific, cultural or aesthetic values; provide for residential development of a low density and scale integrated with the landform and landscape, and not visually prominent; encourage development that retains and enhances riparian and foreshore vegetation and wildlife corridors; and ensure the continued viability of ecological communities and threatened species.

As outlined in the reports and plans the new dwelling will be located in an existing cleared area on the property. No significant trees or vegetation will be removed to facilitate the works, which is supported. The Geotechnical Investigation report recommends the the inclusion of a rockfall ditch which is shown on the plans upslope of the new dwelling. Due to the requirements of the rockfall ditch (1.0m deep and 2.0m wide) and its potential to impact existing trees on the slope, it shall be designed in collaboration with an Arborist. Furthermore, a Project Arborist shall be engaged to supervise the construction of the rockfall ditch, and also advise on the location of the proposed rainwater tanks if necessary.

The landscape statement is noted and in this circumstance a plan is not deemed necessary.

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**

**Rockfall Ditch Design Near Trees to be Retained**

- a) rockfall ditch layout plans shall be developed in co-ordination with an Arborist with AQF minimum Level 5 qualifications in arboriculture, and a qualified Geotechnical Engineer, complying AS 4970-2009 Protection of trees on development sites. Non-destructive tree root investigations may be undertaken, if deemed necessary by the Arborist, to help inform the location for the construction works.
- b) the Arborist shall review, comment, recommend design revision as required and approve the rockfall ditch layout, to ensure its location will be manageable in terms of tree protection measures.
- c) the Arborist shall submit certification to the Certifier that the location of the rockfall ditch is accepted.
- d) the agreed rockfall ditch 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) 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.
- b) the Project Arborist shall be in attendance and supervise all works around existing trees to be retained, and in particular:
  - i) the construction of the rockfall ditch, and location and installation of the proposed rainwater tanks.
- 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,
- 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.

Reason: Tree and vegetation protection.

### Condition of Trees

a) 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 an Arborist/Project Arborist with minimum AQF Level 5 in arboriculture 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.

b) any mitigating measures and recommendations required by the Arborist/Project Arborist are to be implemented.

c) 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.

## **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) 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.