

Landscape Referral Response

Application Number:	REV2023/0002
Date:	28/03/2023
Proposed Development:	Review of Determination of Application DA2022/0885 for Alterations and additions to a dwelling house including garage
Responsible Officer:	Olivia Ramage
Land to be developed (Address):	Lot 30 DP 22275 , 82 Binburra 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 proposal is supported with regard to landscape issues.

Additional Information Comment 28/03/23:

It is understood that the extent of the green roof over the proposed garage will be increased, and as such the landscape conditions have been updated to suit.

Original Comment:

Landscape Referral will only assess the proposed works within the property boundary.

No significant trees are proposed to be removed and all trees and vegetation shown to be retained shall be protected during works. Drawing 0422 2/2 and the Landscape Plan shows the on-slab planter above the garage with different dimensions. The planters shall be constructed as shown on drawing 0422 2/2, 1200mm internal width on the western side, and at least 500mm internal width on the southern side. All on slab landscaping shall meet Council's minimum soil depth requirements and the proposed planting shall meet the requirements outlined in the conditions of consent.

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:

- a) updated planting scheme to suit the increased extent of the green roof,
- b) 300 mm soil depth to accommodate grass and groundcover planting,
- c) a range of suitable native plant species that could be included in the planting scheme; *Dianella*, *Lomandra*, *Poa*, *Ficinia*, *Microlaena stipoides*, *Themeda australis*, *Scaevola*, *Carpobrotus*, *Hardenbergia*, *Hibbertia*, *Pelargonium australe*.

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

Reason: Landscape amenity.

On Slab Landscape Works

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.

The following soil depths are required to support landscaping: 300mm for grasses and groundcovers.

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 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 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 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 an Arborist/Project Arborist as complaint to AS4970-2009 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

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

a) planting shall be installed as indicated on the approved amended Landscape Plan(s),

b) mass planting shall be installed at minimum 4 plants per metre square for grasses and groundcovers of a minimum 140mm container size at planting, and shall be in a garden bed prepared with a suitable free draining soil mix and minimum 50mm depth of mulch,

c) where the property is certified Bush Fire Prone Land, any new planting may be managed in accordance with Planning for Bushfire Protection 2019.

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.

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. 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 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 amended Landscape Plan(s) and any conditions of consent.

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.

Reason: To maintain local environmental amenity.