

## Landscape Referral Response

<b>Application Number:</b>	DA2023/0617
<b>Date:</b>	21/11/2023
<b>Proposed Development:</b>	Demolition and the construction of a Residential Flat Building
<b>Responsible Officer:</b>	Claire Ryan
<b>Land to be developed (Address):</b>	Lot 6 DP 9585 , 24 Angle Street BALGOWLAH NSW 2093 Lot 7 DP 9585 , 22 Angle Street BALGOWLAH NSW 2093

### 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 development application is assessed by Council's Landscape Referral against the following relevant landscape controls and policies:

- State Environmental Planning Policy No. 65 - Design Quality of Residential Apartment Development (SEPP65) under: clause 28(2) (a) (b) and (c), including Schedule 1, Principle 5: Landscape,
- the associated Apartment Design Guide (ADG), including the objectives of control 3E Deep Soil Zones, 4O Landscape Design, 4P Planting on Structures, and
- Manly Local Environment Plan (MLEP), and the following Manly DCP 2013 (MDCP) controls (but not limited to): 3.3.1 Landscaping Design; 3.3.2 Preservation of Trees or Bushland Vegetation; and 4.1.5 Open Space and Landscaping, including 4.1.5.2 (c) Minimum Tree Plantings where applicable.

Amended Landscape Plans and an amended Arboricultural Impact Assessment are submitted in response to the initial Landscape Referral.

It is noted that open space and total landscape areas are increased in response to the concerns raised previously, and the additional landscape areas are capable of increasing areas to support planting opportunities and achieve the outcomes of the landscape controls to satisfy ADG control 4O Landscape Design, and Manly DCP 2013 (MDCP) controls 3.3.1 Landscaping Design, and 4.1.5 Open Space and Landscaping - 4.1.5.2 (c) Minimum Tree Plantings.

The amended Stormwater Plans have relocated the OSD system from within the landscape area to under the driveway and thus the landscape controls are able to be achieved.

Subject to conditions of consent, Landscape Referral raise no objections with regard to the landscape outcomes.

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 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.

The Project Arborist shall be in attendance and supervise all excavation and construction works near existing trees identified in the Arboricultural Impact Assessment in proximity to works, and in particular:

- a) excavation for pier and beam fencing near existing trees T1, T2, T3 and T4,
- b) works near existing tree T9.

All tree protection measures specified must:

- c) be in place before work commences on the site, and
- d) be maintained in good condition during the construction period, and
- e) 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.

**Tree Removal Within the Property**

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

- a) T6, T7, and T8
- 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.

**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 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**

### **Landscape Completion**

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

- a) landscape works are to be contained within the legal property boundaries,
- b) planting shall be installed as indicated on the approved Landscape Plan(s), unless otherwise stated,
- c) all tree planting shall be a minimum pre-ordered planting size of 75 litres; 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, and watered until established; and shall be located at least 3.0 metres from buildings or more and from other trees, at least 1.5 metres from common boundaries; and located either within garden bed or within a prepared bed within lawn,
- d) the nominated tree 45 - Lagerstroemia, shall be substituted with either Syzygium paniculatum, Ceratopetalum gummiferum or Glochidion ferdinandi, and all other trees as nominated shall remain as documented.

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 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.