

Landscape Referral Response

Application Number:	DA2021/2634
Date:	20/04/2022
Responsible Officer:	Thomas Burns
Land to be developed (Address):	Lot 12 DP 531132 , 33 Barrabooka Street CLONTARF 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 for alterations and additions to the existing dwelling, as described and illustrated in the reports and plans.

Council's Landscape Referral section have considered the application against the Manly Local Environment Plan, and the following Manly DCP 2013 controls (but not limited to):

- 3.3.1 Landscaping Design
- 3.3.2 Preservation of Trees or Bushland Vegetation
- 4.1.5 Open Space and Landscaping, including 4.1.5.2 (c) Minimum Tree Plantings
- 5.4.1 Foreshore Scenic Protection Area

An Arboricultural Impact Assessment (AIA) and Landscape Plan are included in the application and will be assessed as part of the Landscape Referral. It is noted 15 trees are proposed to be removed of which 13 are exempt due to species or size. Tree 35 is proposed to be removed and identified as moderate significance in the AIA, however categorised as Z12 "...severe defects requiring excessive levels of maintenance..." thus its removal is supported. Tree 4 is proposed to be removed, identified as low significance and a noxious weed species in the AIA. Although it is located within the road reserve, Landscape Referral supports the removal of tree 4. The tree protection measures outlined in the AIA are supported and all trees and vegetation shown to be retained will be subject to the imposed conditions. To offset any canopy loss and to meet the requirements of the DCP, two native trees are to be installed within the property boundary subject to the imposed conditions.

It is noted the Landscape Plan is not coordinated with the trees recommended for removal in the AIA, and tree removal shall only be undertaken as per the trees identified in the conditions of consent. Screen planting shall be installed adjacent to the proposed deck subject to the imposed conditions.

It is noted existing physical encroachment within the road reserve (along the eastern boundary) exist including retaining walls, fences, garden areas, and a metal shed, as shown on the Survey Plan. No prior application nor approval to encroach upon public land is found and any approval of this development application does not grant approval for the existing encroachments. Council reserves the

future right to seek removal of any encroachment for public safety or for any other public capital works.

All new landscaping should be implemented in accordance with the Asset Protection Zone requirements as specified within Appendix 4 of Planning for Bushfire Protection 2019, and the recommendations of the Bushfire Assessment Report.

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

Pier Footing Design Near Trees to be Retained

Pier footing structural layout plans for the proposed deck adjacent to the pool 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 mapping investigation near existing tree(s) identified in the Arboricultural Impact Assessment as tree number 30, to locate critical tree roots and recommend pier footing locations for the construction of the proposed deck. The Arborist shall review, comment, recommend design revision as required and approve the pier footing layout, to ensure the locations of piers will be manageable in terms of tree protection measures.

A non-destructive root investigation shall be conducted complying with clause 3.3.4 of AS 4970-2009 Protection of Trees on Development Sites.

The Arborist shall submit certification to the Certifying Authority, that the locations of the pier and post footings are accepted. The agreed footing structural layout plans shall be submitted to the Certifying Authority 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 to provide tree protection measures in accordance with Australian Standard 4970-2009 Protection of Trees on Development Sites, and the recommendations of the Arboricultural Impact Assessment.

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 under section 4 Arboricultural Method Statement and Appendix 8 Tree management plan,
- ii) works under Appendix 7 Schedule of works and responsibilities,
- iii) all landscaping works within the TPZ of existing trees to be retained.

Existing ground levels shall be maintained within the tree protection zone of trees to be retained, unless authorised by the Project Arborist.

All tree protection measures specified must:

- a) be in place before work commences on the site, and
- b) be maintained in good condition during the construction period, and
- c) remain in place for the duration of the construction works.

The Project Arborist shall provide certification to the Certifying Authority that all 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:

- i) A separate permit or development consent may be required if the branches or roots of a protected tree on the site or on an adjoining site are required to be pruned or removed.
- ii) 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 the following tree(s) within the property (as recommended and identified by tree number in the Arboricultural Impact Assessment):

- i) exempt species T21-T28, T31-T34, and T37,
- ii) within the property boundary T35 - *Ficus rubiginosa*,
- iii) 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 the following tree(s) within the road reserve (as recommended in the Arboricultural Impact Assessment):

- i) street tree T4 - *Cinnamomum camphora*,
- ii) 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. 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 trees and vegetation within the site, excluding exempt trees and vegetation under the relevant planning instruments of legislation,
- ii) all trees and vegetation located on adjoining properties,
- iii) all road reserve trees and vegetation,

b) Tree protection shall be undertaken as follows:

- i) tree protection shall be in accordance with Australian Standard 4970-2009 Protection of Trees on Development Sites, including the provision of temporary fencing to protect existing trees within 5 metres of development,
- ii) existing ground levels shall be maintained within the tree protection zone of trees to be retained, unless authorised by an 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 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 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 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 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 Certifying Authority,
- 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 Australian Standard 4970-2009 Protection of Trees on Development Sites,
- ix) tree pruning from within the site to enable approved works shall not exceed 10% of any tree canopy, and shall be in accordance with Australian Standard 4373-2007 Pruning of Amenity Trees, and should additional pruning be required an application to Council's Tree Services shall be submitted for approval or otherwise.

The Certifying Authority must ensure that:

- c) The activities listed in section 4.2 of Australian Standard 4970-2009 Protection of Trees on Development Sites, do not occur within the tree protection zone of any tree, and any temporary access to, or location of scaffolding within the tree protection zone of a protected tree, or any other tree to be retained on the site during the construction, is undertaken using the protection measures specified in sections 4.5.3 and 4.5.6 of that standard.

Note: All street trees within the road verge and trees within private property 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.

Reason: Tree and vegetation protection.

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

Required Tree Planting

Two (2) locally native trees shall be planted within the property boundary to achieve at least 6 metres height at maturity, and shall be selected from Northern Beaches Council's Native Plant Species Guide - Manly Ward, or Council's Tree Guide, and in accordance with the following:

- i) tree planting shall be a minimum planting size of 75 litres, and shall meet the requirements of Natspec - Specifying Trees,
- ii) 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 and other trees, and at least 1.5 metres from common boundaries, and located either within garden bed or within a prepared bed within lawn,
- iii) 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.

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

Reason: To maintain environmental amenity.

Required Screen Planting

Screen planting shall be planted in accordance with the following:

- i) create a continuous screen adjacent to the proposed deck along the western boundary, from the pool pavement surrounds to at least 2 metres beyond the existing pit,
- ii) be a suitable pot size so that plant height is at least 2 metres at installation,
- iii) selected planting shall comply with the requirement of Australian Standard AS 1926.1 for a Non Climbable Zone.

The selected planting is to comprise of native species capable of attaining a height of 2 metres above deck finish level at maturity.

Plants are to be installed at minimum 1 metre intervals in a garden bed prepared with a suitable free draining soil mix and minimum 50mm depth of mulch.

Reason: To maintain environmental amenity.

Condition of Retained Vegetation - Project Arborist

Prior to the issue of an Occupation Certificate, a report prepared by the project arborist shall be submitted to the Certifying Authority, assessing the health and impact on all existing trees required to be retained, 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 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 and shrubs required to be planted under this consent are to be mulched, watered and fertilised as required at the time of planting.

If any tree or shrub 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 any conditions of consent.

All weeds are to be removed and controlled in accordance with the NSW Biosecurity Act 2015.

Reason: To maintain local environmental amenity.