

Landscape Referral Response

Application Number:	DA2020/0319
Date:	20/05/2020
Responsible Officer:	Thomas Prosser
Land to be developed (Address):	Lot 22 DP 8075 , 44 Bower Street MANLY NSW 2095

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 proposed development is for the proposed demolition of the existing site structures and the construction of a two storey dwelling, swimming pool and landscape works.

Council's Landscape Referral section have assessed the application against the landscape controls of Manly DCP 2013, section 3: General Principles of Development, and section 4: Development Controls and Development Types, and specifically: 3.3.1 Landscaping Design; and 4.1.5 Open Space and Landscaping.

A Landscape Plan is submitted in accordance with Council's DA Lodgement Requirements. No arboricultural assessment is provided with the application, as no existing trees within the site are proposed for removal. One existing tree is proposed for relocation.

The landscape component of the application is supported subject to tree protection measures to ensure the protection of existing trees within the site, within the road verge, and within adjoining properties, and the completion of landscape works.

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

On Slab Landscape Works

a) Details shall be submitted to the Certifying Authority prior to the issue of the Construction Certificate indicating the proposed method of waterproofing to all internal walls and slab, and drainage of the

garage concrete slab, soil and planting is being provided.

b) Landscape treatment details shall be submitted to the Certifying Authority prior to the issue of the Construction Certificate indicating the proposed soil type, planting, automatic irrigation, services connections, and maintenance activity schedule.

c) The following soil depths are required to support landscaping as proposed:

- 300mm for lawn and groundcovers
- 600mm for shrubs

d) Design certification shall be submitted to the Certifying Authority by a qualified Structural Engineer, that the concrete slab is designed structurally to support the 'wet' weight of landscaping (soil, materials and established planting).

Reason: to ensure appropriate and secure waterproofing and drainage is installed to direct water flow into the drainage system.

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 not approved for removal, excluding exempt vegetation under the relevant planning instruments of legislation,
- ii) all trees and vegetation located on adjoining properties,
- iii) all trees and vegetation within the road reserve.

b) Tree protection shall be generally undertaken as follows:

- i) all tree protection shall be in accordance with AS4970-2009 Protection of Trees on Development Sites, and the recommendations of the Arboricultural Impact Assessment,
- ii) removal of existing tree roots greater than 25mm is not permitted without consultation with a AQF minimum Level 5 Arborist,
- iii) existing ground levels shall remain under the tree protection zone of trees to be retained, unless authorised by AQF minimum Level 5 Arborist,
- iv) any tree roots exposed during excavation with a diameter greater than 25mm within the tree protection zone must be assessed by an AQF minimum Level 5 Arborist. Details including photographic evidence of works undertaken shall be submitted to the Certifying Authority,
- v) to minimise the impact on trees and vegetation to be retained and protected, 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,
- vi) no tree roots greater than 25mm diameter are to be cut from protected trees unless authorised by a AQF minimum Level 5 Project Arborist on site,
- vii) all structures are to bridge tree roots greater than 25mm diameter unless directed by a AQF minimum Level 5 Arborist on site,
- viii) excavation for stormwater lines and all other utility services is not permitted within the tree protection zone, without consultation with a AQF minimum Level 5 Arborist, including advice on root protection measures,
- ix) should either or all of vi), vii) and viii) occur during site establishment and construction works, a AQF minimum Level 5 Arborist shall provide recommendations for tree protection measures. Details including photographic evidence of works undertaken shall be submitted by the Arborist to the Certifying Authority,
- x) 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,

xi) tree pruning to enable construction shall not exceed 10% of any tree canopy, and shall be in accordance with AS4373-2009 Pruning of Amenity Trees.

c) All protected trees are to be retained for the life of the development, or for their safe natural life. Trees that die or are removed by approval must be replaced with a locally native canopy tree

d) The existing street tree shall be restricted from access by the installation of tree protection fencing, consisting of a four sided 1.8m high x 2.4m length standard wire mesh construction fence, in accordance with Australian Standard AS 4687-2000-Temporary Fencing & Hoardings..

Reason: to retain and protect significant planting on development and adjoining sites.

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

Landscape works completion

Landscape works are to be implemented in accordance with the Landscape Plans numbered LP01-6819 (4 sheets), prepared by Dangar Barin Smith, inclusive of the following requirements:

- a) the proposed Tuckeroo x 2 (*Cupaniopsis anacardoides*) tree planting shall be deleted and replaced with a non invasive seeding native tree suited to the site location, listed either in Manly DCP Schedule 4, Part B - Native Tree Selection, in Council's Tree Guide, or as selected by the Landscape Architect, and shall be located to satisfy Manly DCP clause 3.3.1 Landscaping Design, item b) iii) trees should be positioned in locations that minimise significant impacts on neighbours in terms of blocking winter sunlight to either living rooms, private open space or solar collectors; or where the proposed location of the tree may be otherwise positioned to minimise any significant loss of views,
- b) the proposed relocation of the Tuckeroo is acceptable as this is an existing tree in place. Should the Tuckeroo fail to survive following transplanting, a replacement native tree shall be planted in accordance with the above condition a), and c) condition below,
- c) all planting within the site shall be planted in accordance with the container sizes listed in the Plant Schedule, and trees shall be located within natural ground areas of substantial area (minimum 12m²) for each tree, located away from common boundaries, planted at least 5 metres from buildings, and at least 4 metres from all other trees.

Prior to the issue of an Occupation Certificate, a landscape report prepared by a landscape architect or landscape designer shall be submitted to the Certifying Authority, certifying that the landscape works have been completed in accordance with the Landscape Plans and any conditions of consent.

Reason: to ensure that the landscape treatments are installed to provide landscape amenity and soften the built form.

Condition of retained vegetation

Prior to the issue of an Occupation Certificate, a report prepared by an Arborist with AQF minimum Level 5 qualifications in arboriculture/horticulture shall be submitted to the Certifying Authority, assessing the health and impact on all existing trees required to be retained, and in particular the existing street tree located within the road verge, as a result of the development works, including the following information:

- a) compliance to any Arborist recommendations for tree protection and 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: to retain and protect significant planting on development sites.

ON-GOING CONDITIONS THAT MUST BE COMPLIED WITH AT ALL TIMES

Landscape maintenance

Any existing landscaping including trees required to be retained together with any additional landscaping required by this consent is to be maintained for the life of the development.

A 12 month establishment period shall apply for all new landscaping. If any landscape materials/components or planting under this consent fails, they are to be replaced with similar materials/components. All planting must be maintained for the life of the development, or for their safe useful life expectancy. Planting that may die or is approved for removal must be replaced.

Reason: to maintain local environmental amenity and ensure landscaping continues to soften the built form.