



URBAN FOREST MANAGEMENT REGISTER

Public Document

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MOSMAN COUNCIL URBAN FOREST MANAGEMENT REGISTER

Introduction

Trees are one of Mosman's greatest assets and are recognised as an essential element of the character and amenity of its urban landscape through tree-lined streets, foreshores, parks and reserves, and private properties.

The Urban Forest Policy provides holistic management of Mosman's trees including new planting; tree management standards; management of trees within parks and foreshore areas; species selection; the role of exotic species; the impact of development and community consultation. The Policy also recognises the Tree Preservation Order which prohibits the ringbarking, cutting down, poisoning, topping, lopping, pruning, root pruning, removing, injuring or wilful destruction of any tree (unless exempt), except with the prior written consent of Council.

Although Mosman's trees are protected under the TPO, there are some trees on both public and private land that may be considered to have a greater, or more exceptional, level of significance beyond the scope of a general Tree Preservation Order. For these trees Council has implemented an Urban Forest Management Register.

Purpose and application of the Urban Forest Management Register (UFR)

To identify trees, single or group, on private property or Council Land, which are considered exceptionally important within Mosman's Urban Forest, and detail general and specific strategies to ensure better methods of protection, care and management of listed trees.

Key points of the Urban Forest Management Register include;

- ✓ General and specific management programs for listed trees on public land
- ✓ Council to play a key role in the management of listed trees including ongoing inspection, maintenance if required, and protection on development sites.
- ✓ Specific and detailed nomination, appeal, and assessment process and criteria for listing trees

The UFR is a detailed database for each listed tree, or group of trees, with recommendations for their protection and future management. The information relating to a tree listed on the Register is entered into Council's information management system and linked to the relevant property allowing reference for future assessment of Development Applications, Tree Management Applications or other works requiring approval.

Monitoring and care of trees listed on the UFR

Council's Tree Management Officer will inspect a tree listed on the UFR every two years. For trees on Public land, Council will undertake any work that has been identified to maintain the health and condition of will be undertaken by. Where a tree is located on private property, Council will write to the property owner advising of suggested management regimes for the tree.

A full re-assessment of the UFR will be undertaken every six years through Council's internal Record's Management System. This assessment will take into consideration the condition of each tree on the UFR and the continued appropriateness of the tree's listing.

Recommendations to remove or retain the tree on the Register will be submitted to Council for final determination.

Pruning and removal

If anybody wishes to prune a listed tree they will be required to make an application under the Tree Preservation Order. The application will be assessed and processed, by Council's Tree Management Officer, in the usual way under the TPO. Any approved works must be carried out by a qualified tree worker (minimum qualification AQF Level 3) and to Australian Standards AS4373-1996, at the owner's expense.

In situations where an owner wishes to remove a listed tree the owner will be required to submit a TPO application and the matter will be referred to Council for determination.

Protection on development sites

Should a site containing a tree/s listed on the UFR have a Development Consent issued on the site, specific requirements regarding inspections and certification relating to tree protection measures during construction works would be placed on the consent. The owner of the property will meet the cost of tree protection measures.

Nomination of trees for the UFM

Persons wishing to nominate a tree, or group of trees, to be added to the UFR must complete fully the approved nomination form. A separate application must be completed for each submission. Where an application is submitted for a stand of trees this is to be submitted on one form and will be assessed as a single application.

Any person may submit a nomination for the UFR. It is the responsibility of the nominee to fully complete the nomination form and supply the relevant documentation (reports, photographs, articles etc) supporting the application. The nomination form must be accompanied by an arborist's (AQF Level 5 or greater) report which addresses the relevant criteria.

The applicant will have to provide an introduction and background summary to the tree in order to define the relationship of the proposed "significant tree" within the local environment. This requires identifying, where known, the comparative points of importance such as origin (indigenous or cultivated), rarity, individual and/or group value, landmark importance, representative value.

Where the nominee is not owner of tree, the owner will be informed of the nomination by letter from Council, with reasons/ category of nomination, within two weeks of receipt of notification. Twenty-eight (28) days will be allowed for receipt of submissions from the owner of the tree.

Assessment and Reporting of a Nominated tree

Council's Tree Management Officer will conduct an on-site visual examination of the tree(s) to verify the details submitted in the application and determine the level of "significance" against a determined set of criteria. A report and recommendations will then be submitted to Council. Affected parties will be invited to address Council to discuss their case. Council will adjudicate and make a final determination in the matter via Council resolution.

All interested parties will be notified of Council's determination.

Assessment criteria

Nominated trees will be assessed against the following criteria:

Visual amenity value – the visual prominence of the tree. (25%)

Natural heritage value – the value as an indigenous or remnant tree. (20%)

Cultural heritage value – historical and social significance of the tree within Mosman. (15%)

Micro-Environmental contribution – impact the tree has on modifying the microclimate from wind, radiation, rain, heat and glare. (15%)

Habitat value – the tree's contribution to fauna protection (food and shelter). (10%)

Botanical significance – horticultural value of the tree. (10%)

A guide to each category can be found in Appendix C. A total value will be determined as a “guide” to the tree's level of significance. This figure will not detract from any high value that the tree receives in any particular category.

The total value (as a percentage) will then be measured against the tree's health and condition, Safe Useful Life Expectancy (SULE), ease of replacement, and whether the tree is covered by the TPO.

Mosman Council Urban Forest Management Register (UFR)

UFMR Ref #	Location	Species
Category A – Significant trees under Public ownership. Mainly street and park trees, managed to best ensure their value within the urban forest is retained for the long term.		
A001	The Esplanade, Balmoral Beach	<i>Ficus rubiginosa</i> <i>Ficus macrophylla</i>
A002	Mosman Park	<i>Ficus rubiginosa</i>
A003	Spit East Car Park	<i>Ficus rubiginosa</i> <i>Araucaria heterophylla</i>
A004	Spit West Reserve	Various
A005	Spencer Street	<i>Platanus x hybrida</i> , <i>Lophostemon confertus</i>
A006	Holt Avenue	<i>Platanus x hybrida</i> , <i>Lophostemon confertus</i>
A007	Wolger Rd / Noble Street	<i>Platanus x hybrida</i>
A008	Cardinal Street	<i>Platanus x hybrida</i>
A009	Lennox Street	<i>Phoenix canariensis</i> <i>Washingtonia robusta</i>
A010	Lang Street	<i>Eucalyptus scoparia</i>
A011	Ballantyne Street	<i>Phoenix canariensis</i>
A012	Spit Road	<i>Washingtonia robusta</i> <i>Washingtonia filifera</i>
A013	Musgrave Street	<i>Phoenix canariensis</i>
A014	Avenue Road	<i>Washingtonia robusta</i>
A015	Reid Park	<i>Washingtonia robusta</i> <i>Washingtonia filifera</i>
A016	Avenue Road	<i>Afrocarpus falata</i>
A017	Memory Park	Various
A018	Cyprian Street	<i>Angophora costata</i>
Category B – Significant trees under Public ownership contained within other management strategies eg. Bushland or Unmade Road.		
B001	Unmade Fairfax Road	<i>Angophora costata</i>
B002	Harnett Park	<i>Ficus rubiginosa</i>
B003	Sirius Cove Reserve	<i>Melaleuca styphoelloides</i>
B004	Sirius Cove Reserve	<i>Eucalyptus teriticornis</i>
B005	Curraghbeena Reserve	<i>Ficus rubiginosa</i>
B006	Lawry Plunket Reserve/ Beaconsfield Road	<i>Eucalyptus teriticornis</i>
B007	Orlando Avenue, McCauley's Outlook	<i>Washingtonia robusta</i> , <i>Phoenix canariensis</i>
B008	Rosherville Reserve	<i>Acmena ingens</i>
Category C – Significant trees under Private ownership.		
C001	Parriwi Road (rear 7 Upper Spit Road)	<i>Ficus macrophylla</i>
C002	29b Parrawi Road	<i>Angophora costata</i>
C003	9 Whiting Beach Road	<i>Delonix regia</i>
C004	21 Stanley Road	<i>Araucaria heterophylla</i>
C005	13 Warringah Road	<i>Angophora costata</i>
C006	3 Mosman Street	<i>Olea africana</i>
C007	30 Fairfax Road	<i>Angophora costata</i> , <i>Araucaria heterophylla</i>
C008	14 Rickard Avenue	<i>Araucaria cunninghamii</i>

Category A

Significant trees under Public ownership. Mainly street and park trees, managed to best ensure their value within the urban forest is retained for the long term.

Reference No: A001			
Location: The Esplanade, Balmoral Beach			
Species: <i>Ficus rubiginosa</i> ; <i>Ficus macrophylla</i>		Common Name: Port Jackson Fig; Morton Bay Fig.	
Description: A historic and iconic planting of trees along the Balmoral Beach foreshore. Planting is thought to have occurred around the same time as The Esplanade was constructed in the 1930's. Three Figs are included in the register. Two excellent examples of Morton Bay Figs which dominate the area next to the boatshed and the children's play area, providing much needed shade for young families. They are visually prominent specimens of great scale with large dense canopies. Also included is a lovely Port Jackson Fig located across from the cafes. The tree has a Banyan like habit through the formation of aerial roots.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Medium (15-40yrs)
Comments: Trees exhibit good foliage density			
Amenity Value			
Visual (25/25): A highly prominent feature of the area.			
Natural (8/20): Planted native species			
Cultural (18 /20): 1930's planting. Part of The Esplanade construction; known widely			
Botanical (10 /15): Exceptional form/habit			
Habitat (7/10): Good habitat trees			
Environmental (10/10): High shade /shelter value			
Total Amenity Value A (78/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 78			
Management Issues: High use area creating a difficult growing environment, tree age, soil compaction			
Management Plan: A specific management plan is currently being developed for all the Figs along the Balmoral Foreshore.			



Photos

Reference No: A002			
Location: Mosman Park, The Crescent and Gouldsbury Road			
Species: <i>Ficus rubiginosa</i>		Common Name: Port Jackson Fig	
Description: Four figs, two of grand proportions with an immense number of aerial roots throughout the canopy located within the park area and overhanging the street. Port Jackson Figs can show considerable variation within the species. These have an exceptional form exhibiting masses of well developed aerial roots, and dense canopies. Mosman Park was created in the early 1900's The trees were most likely planted around the 1930's when this part of land was reclaimed.			
Age: Mature	Vigour: Excellent	Condition: Good	SULE: Long (40+ yrs)
Comments: Excellent specimens, full canopy			
Amenity Value			
Visual (25/25): Highly prominent with in the park/streetscape			
Natural (12/20): Indigenous rainforest specimen planting.			
Cultural (18/20): High; Connection with creation of part of Mosman Park			
Botanical (12/15): Exceptional Banyan like habit; Rainforest species; Locally common in gullies around Sydney			
Habitat (10/10): Excellent habitat trees: many nesting sites.			
Environmental (10/10): High microenvironment modification			
Total Amenity Value A (87/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 85			
Management Issues: Aerial root protection, soil compaction, proximity to road.			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, dead frond removal and remedial pruning where necessary. Roots to be encouraged to reach the ground for structural support. Weight reduction pruning on branch systems over areas were roots are unavailable to develop. Fencing has been erected to discourage pedestrian traffic.			



Reference No: A003

Location: Spit East Car Park

Species: *Ficus macrophylla*, *Araucaria* **Common Name:** Morton Bay Fig, Norfolk Island Pine

Description: Good example of specimen planting from the early part of the century. Excellent mature native trees which are highly visible to the surrounding area. The Morton Bay Fig, a rainforest tree of Northern NSW to northern Queensland has a broad spreading canopy providing shade and amenity to the area.

Age: Mature **Vigour:** Excellent **Condition:** Good **SULE:** Long (40+ yrs)

Comments: Both trees exhibit good crown density and are relatively free from pests and diseases.

Amenity Value

Visual (25/25): Very prominent in the greater landscape

Natural (8/20): Planted native species

Cultural (16/20): High

Botanical (9/15): Good examples of the species

Habitat (8/10): Large dense trees

Environmental (8/10): Greatly modify the environment

Total Amenity Value A (74 /100)

SULE weighting (S): 1

Replacement weighting (R): 1

Total Value T= A x S x R: 74

Management Issues: Compaction of ground under the trees, high use area, tree age.

Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary. New parking management(wheel stops) to limit root damage.

Photos



Reference No: A004

Location: Spit West Reserve

Species: Various (*Araucaria heterophylla*, *Ficus rubiginosa*, *Populus deltoides*, *Phoenix canariensis*, *Washingtonia filifera*, *Erythrina crista-galli*) **Common Name:** Norfolk Island Pine, Port Jackson Fig, Poplars, Canary Island Date Palm, Washington Palms, Cocks Comb Coral

Description: Eclectic mix of trees representative of past cultural planting preferences and which also provide important visual and environment benefits to the area. Achieves significance as a group planting. Classic avenue planting of NI Pines very prominent to all entering and leaving Mosman.

Age: Mature **Vigour:** Generally Good **Condition:** Generally good **SULE:** Medium to Long.

Comments: Condition varies with species

Amenity Value

Visual (25/25): Highly prominent as a group and avenue planting

Natural (5/20): Mixed origins

Cultural (15/20): High; Park group planting

Botanical (8/15): Mixed

Habitat (7/10): Provides reasonable habitat

Environmental (10/10): Greatly affects micro environment

Total Amenity Value A (70/100)

SULE weighting (S): 1

Replacement weighting (R): 1

Total Value T= A x S x R: 70

Management Issues: High road use, some ageing species

Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary. New native plantings taking well.

Photos



Reference No: A005

Location: Spencer Street

Species: Predominantly *Platanus x hybrida* **Common Name:** London Plane and Brushbox and *Lophostemon confertus*

Description: Avenue planting of a mix of exotic (Plane) and native trees (Brush Box), forming a nearly continuous leafy corridor over the roadway. The deciduous nature of the Plane trees allow for the changing seasons giving shade in summer and sun penetration in winter. Most of the houses on the street would have been erected after subdivision in 1902 and contribute to the character of the area.

Age: Mature

Vigour: Good

Condition: Good to Fair

SULE: Med(15-40yrs)

Comments: Condition varies with the plane trees but they exhibit excellent vigour with good canopy density.

Amenity Value

Visual (20/25): Important in the streetscape

Natural (2/20): Planted exotic(London Plane is a inter-specific hybrid) and native Brush Box from the sub tropical forests of Northern NSW and Southern Queensland

Cultural (15/20): Mature mixed Avenue planting

Botanical (8/15): Medium

Habitat (5/10): Medium – Large trees; some nesting sites

Environmental (10/10): High; greatly modifies the local environment

Total Amenity Value A (58/100)

SULE weighting (S): 1

Replacement weighting (R): 1

Total Value T= A x S x R: 58

Management Issues: Annual gully pruning for overhead power lines.

Trees previously pollarded.

Engineering issues/costs e.g. pavement damage

Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary.

Photos



Reference No: A006

Location: Holt Avenue

Species: Predominantly *Platanus x hybrida* **Common Name:** Plane Trees and Brush-box and *Lophostemon confertus*

Description: Avenue planting of a mix of exotic (Plane) and native trees (Brush Box), forming a nearly continuous leafy corridor over the roadway. The deciduous nature of the Plane trees allow for the changing seasons giving shade in summer and sun penetration in winter. Most of the houses on the street would have been erected after subdivision in 1902 and contribute to the character of the area

Age: Mature

Vigour: Good

Condition: Good to Fair

SULE: M (15-40)

Comments: Condition varies with the plane trees, but they exhibit excellent vigour with good canopy density. Some trees are 'gully' pruned due to overhead wires.

Amenity Value

Visual (20/25): Important in the streetscape

Natural (2/20): Planted exotic(London Plane is a inter-specific hybrid) and native Brush Box from the sub tropical forests of Northern NSW and Southern Queensland

Cultural (15/20): Mature mixed avenue planting

Botanical (8/15): Medium

Habitat (5/10): Medium – Large trees; some nesting sites

Environmental (10/10): High

Total Amenity Value A (58 /100)

SULE weighting (S): 1

Replacement weighting (R): 1

Total Value T= A x S x R: 58

Management Issues: Annual gully pruning for overhead power lines

Trees previously pollarded.

Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary.

Photos



Reference No: A007			
Location: Corner of Wolger Road and Noble Street			
Species: <i>Platanus x hybrida</i>		Common Name: London Plane Tree	
Description: Large tree, visually prominent and environmentally important to local area. Interesting triple stemmed form.			
Age: Mature	Vigour: Good	Condition: Fair-poor	SULE: Short
Comments: Decay evident in scaffold branches			
Amenity Value			
Visual (25/25): Dominant in the streetscape			
Natural (0/20): Exotic. Inter specific hybrid between American Plane and Oriental Plane			
Cultural (12 /20): Mature specimen planting			
Botanical (6 /15): Interesting form			
Habitat (6/10): Large tree, some hollows			
Environmental (8 /10): High			
Total Amenity Value A (57/100)			
SULE weighting (S): 0		Replacement weighting (R): 1	
Total Value T= A x S x R: 0			
Management Issues: Recently crown thinning for weight reduction and to remove weak branches. Test drilling of one of the trunks showed some decay in this location.			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary. Tree can be retained but only for the short term <15years.			

Photos



Reference No: A008			
Location: Cardinal Street			
Species: <i>Platanus x hybrida</i>		Common Name: London Plane Trees	
Description: An example of exotic species specimen planting. Three mature Plane trees provide visual and environmental amenity to the streetscape.			
Age: Mature	Vigour: Good	Condition: Fair	SULE: Medium
Comments: Trees have good vigour and foliage density			
Amenity Value			
Visual (20 /25): Prominent in the streetscape			
Natural (0/20): Exotic. Inter specific hybrid between American Plane and Oriental Plane			
Cultural (16/20): Street tree group planting			
Botanical (8/15): Some botanical interest			
Habitat (4/10): Limited habitat			
Environmental (8/10): Large spreading trees			
Total Amenity Value A (57/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 57			
Management Issues: Some decay in upper canopy. Recent pruning to remove weakened branches.			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary.			

Photos



Reference No: A009			
Location: Lennox Street			
Species: <i>Phoenix canariensis</i> , <i>Washingtonia robusta</i>		Common Name: Canary Island Date Palm, Cotton Palm	
Description: Mature row/avenue exotic palm planting, reminiscent of a bygone era. Ten Date palms form an architectural avenue on the middle section of this quiet street. The Cotton palms on the lower section of the road frame the views of the city to the west.			
Age: Mature	Vigour: Good	Condition: Good	SULE: M
Comments: Good apical growth, no evidence of pests and diseases.			
Amenity Value			
Visual (22/25): Dominant in the streetscape			
Natural (0/20): Exotic from Canary Islands and America			
Cultural (16/20): High; Formal row planting			
Botanical (10/15): Good examples of the species			
Habitat (4/10): Some nesting sites			
Environmental (6/10): Med - high			
Total Amenity Value A (58/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 58			
Management Issues: Dead fronds, Pests and diseases			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, dead frond removal and remedial pruning where necessary. Restrict soil born fungal pathogens such as <i>Fusarium</i> spp. through continued management practices(e.g. restrict use of imported soils and mulches)			

Photos



Reference No: A010
Location: Lang Street
Species: *Eucalyptus scoparia* **Common Name:** Wallangra White Gum
Description: A Dominant row of planted Eucalypt, particularly at the southern end. A popular choice of planting in the 1970's, with their weeping habit and white stems. Wallangra White Gums have a limited distribution in the wild.

Age: Mature **Vigour:** Good -Fair **Condition:** Good-Fair **SULE:** Med(15-40 y)
Comments: Most have good crown density and relatively free from pests and diseases.

Amenity Value

Visual (22/25): Large specimens; Highly visible
Natural (6/20): Planted native. In wild restricted to the granite hills around Wallangra and on both sides of the nearby border between NSW and Queensland
Cultural (18/20): Formal row planting
Botanical (8/15): Commonly planted, limited distribution in the wild
Habitat (4/10): Low; No hollows and few nesting sites; Food source at certain times of the year
Environmental (10 /10): Large trees greatly modifying the local environment as a group.
Total Amenity Value A (68/100)
SULE weighting (S): 1 **Replacement weighting (R):** 1
Total Value T= A x S x R: 68

Management Issues: Pests and diseases

Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary.

Photos



Reference No: A011			
Location: Ballantyne Street			
Species: <i>Phoenix canariensis</i>		Common Name: Canary Island Date Palm	
Description: Excellent example of single species avenue planting. These mature Canary Island Date palms are typical of early twentieth century planting.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Medium
Comments: These palms appear to be in good condition and health with good apical growth.			
Amenity Value			
Visual (25/25): Well known			
Natural (0/20): Exotic; Native to the Canary Islands			
Cultural (16/20): Formal street avenue planting			
Botanical (8/15): Good examples of species			
Habitat (5/10): Some nesting sites			
Environmental (6/10): Medium			
Total Amenity Value A (60/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 60			
Management Issues: Dead fronds, Disease limitation			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, dead frond removal and remedial pruning where necessary. Restrict soil born fungal pathogens such as Fusarium spp. through continued management practices(e.g. restrict use of imported soils and mulches)			

Photos



Reference No: A012			
Location: Spit Road (Spit hill)			
Species: <i>Washingtonia filifera</i> , <i>Washingtonia robusta</i>		Common Name: Washington Palms, Cotton Palms	
Description: Formal row of mixed exotic palms lining the west side of Spit Road on Spit Hill. This planting is prominent at the northern entrance to Mosman.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Medium
Comments: Good health and condition. Some trunk damage			
Amenity Value			
Visual (25/25): Visible to all entering and leaving Mosman			
Natural (0/20): Exotic. Native to Mexico and southern USA			
Cultural (16/20): Formal row planting in earlier part of century			
Botanical (7/15): <i>W. filifera</i> is not as commonly planted			
Habitat (2/10): Low			
Environmental (5/10): Medium			
Total Amenity Value A (58 /100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 58			
Management Issues: Removal of dead fronds, High traffic flow			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, dead frond removal and remedial pruning where necessary.			

Photos



Reference No: A013			
Location: Musgrave Street (Corner of Raglan Street)			
Species: <i>Phoenix canariensis</i>		Common Name: Canary Island Date Palm	
Description: Formal row of mature Exotic palms. These Canary Island Date Palms are typical of planting in the pre war and inter war period. They are visually prominent at the entrance to Musgrave St.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Medium
Comments: These palms appear to have good health and condition.			
Amenity Value			
Visual (25/25): Prominent architectural palms			
Natural (0/20): Exotic: Native to the Canary Islands			
Cultural (16/20): Formal row planting			
Botanical (8/15): Medium; good example of the species			
Habitat (5/10): Some nesting sites			
Environmental (6/10): Medium			
Total Amenity Value A (60/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 60			
Management Issues: Removal of dead fronds			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, dead frond removal and remedial pruning where necessary. Restrict soil born fungal pathogens such as Fusarium spp. through continued management practices(e.g. restrict use of imported soils and mulches)			

Photos



Reference No: A014			
Location: Lower end of Avenue Road			
Species: <i>Washingtonia robusta</i>		Common Names: Cotton Palm, Mexican Fan Palm, Washington Palm	
Description: Excellent street planting of exotic palms representative of past cultural preferences. Prominent in the streetscape.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Medium
Comments: Palms in good health and condition			
Amenity Value			
Visual (25 /25) Tall palms highly visible in the streetscape			
Natural (0/20) Exotic; Desert and arid areas of Baja California and Sonora (Mexico)			
Cultural (15 /20) Early- mid 20th Century group planting			
Botanical (6/15) Medium			
Habitat (2/10) Low			
Environmental (4/10)			
Total Amenity Value A (52/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 52			
Management Issues: Removal of dead fronds. Tree age			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, dead frond removal and remedial pruning where necessary. Control soil born fungal pathogens through restricted use of imported soils and mulches.			

Photos



Reference No: A015			
Location: Reid Park			
Species: <i>Washingtonia filifera</i> , <i>Washingtonia robusta</i>		Common Name: Washington Palms, Cotton Palms	
Description: Good example of mixed species row planting. These exotic palms are significant in the Mosman Bay landscape at the entrance to Reid Park and are representative of past cultural preferences.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Medium
Comments: Palms in good condition and health with good apical growth			
Amenity Value			
Visual (25/25): Highly prominent			
Natural (0/20): Exotic; native to Mexico and southern USA			
Cultural (15/20): Pre war/inter war plantings at time of Reid Park creation			
Botanical (10/15): Medium			
Habitat (3/10): Low			
Environmental (5/10): Medium			
Total Amenity Value A (58/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 58			
Management Issues: Mature species, dead fronds			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, dead frond removal. Some new planting developing well.			

Photos



Reference No: A016			
Location: Avenue Road			
Species: <i>Afrocarpus falcata</i>		Common Name: Outeniqua Yellowwood	
Description: A good example of a historic cultivated specimen planting. Thought to be planted in 1940's these two excellent specimens have broad dense healthy canopies and have formed an important part of the character of Mosman Bay. The trees frame 'The Barn', Mosman's only Old Colonial Georgian building. Built in the early 19 th century it was part of Archibald Mosman's whaling station and is one of the few things remaining to signify human activity at this time.			
Age: Mature	Vigour: Good	Condition: Good-Fair	SULE: Medium
Comments: Good foliage density. Some trunk damage			
Amenity Value			
Visual (20/25): Prominent in the streetscape; Appealing specimens with blue-green foliage			
Natural (0/20): Exotic. Native to South and East Africa			
Cultural (20/20): Planted around the 1940's; For the last 60-70 years the trees have become an important feature of this heritage site			
Botanical (9/15): Unusual species for the Mosman area. The name yellowwood derives from the colour of the timber. In Ethiopia it is called Zigba. Oil extracted from the seeds and fruits can be used to treat gonorrhoea.			
Habitat (6/10): Dense canopies ; Provides a food source to native fauna			
Environmental (6/10): Medium			
Total Amenity Value A (61 /100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 61			
Management Issues: Pests and diseases. Built environment			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary.			



Reference No: A017

Location: Memory Park

Species: Mixed; *Ficus macrocarpa* var. *hillii*(6),
Metasequoia glyptostroboides(3)
Agonis flexuosa(2)
Magnolia grandiflora(3)
Liquidamber styraciflua
Jacaranda mimmosifolia(2)

Common Name: Hills Fig (6)
Dawn redwood (3)
Willow Myrtle (2)
Bull-bay Magnolia(3)
Sweet Gum
Jacaranda(2)

Description: Mixed group and individual specimen planting in an informal layout. 49 trees were planted in 1934 in memory of residents and pioneers who helped found the suburb. The trees were donated by the citizens of Mosman. The six mature Hills figs dominate the area with their great size and spread providing ample shade over the children's play area.

Age: Mature **Vigour:** Good-Fair **Condition:** Good-Fair **SULE:** Short - Long
Comments: Mixed condition depending on age and species

Amenity Value

Visual (25/25): Highly important group planting within the urban landscape

Natural (0/20): Mixed, mostly exotics

Cultural (20/20): Memorial planting

Botanical (10/15): The towering Dawn Redwood's are an unusual species for the local area

Habitat (6/10): Park creates some good sites for nesting birds and some food sources

Environmental (10/10): Major impact on the microenvironment

Total Amenity Value A (71/100)

SULE weighting (S): 1

Replacement weighting (R): 1

Total Value T= A x S x R: 71

Management Issues: High use area with children's playground, soil compaction, tree age, some overcrowding. Pests and diseases.

Management Plan: Managed under the Parks Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary.

Photos



Reference No: A018			
Location: Cyprian Street			
Species: Angophora costata		Common Name: Sydney Red Gum	
Description: A number of these indigenous trees line the street and frame views of the harbour. They are significant on a visual, natural heritage and environmental level and provide a link to the nearby Rosherville Reserve.			
Age: Mature	Vigour: Good-Fair	Condition: Good	SULE: Long(40+)
Comments:			
Amenity Value			
Visual (20/25): Prominent location on this winding street			
Natural (16 /20): Indigenous; Direct connection with local vegetation			
Cultural (16/20): Group street planting			
Botanical (8/15): Medium; Locally common			
Habitat (6/15): Medium; Food source at flowering time			
Environmental (8/10): High			
Total Amenity Value A (74/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 74			
Management Issues: Mostly paved surfaces, Pests and diseases			
Management Plan: Managed under the Street Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary.			

Photos



Category B

Significant trees under Public ownership contained within other management strategies e.g. Bushland or Unmade Roads

Reference No: B001			
Location: Fairfax Road – Unmade section			
Species: <i>Angophora costata</i>		Common Name: Sydney Red Gum	
Description: A great example of this well known and locally admired species. This mature indigenous tree with its smooth pink bark provides a 'sense of place' in this unmade road section of Fairfax Road framing views over Middle Harbour and the heads.			
Age: Mature	Vigour: Good - Fair	Condition: Good	SULE: Long
Comments: Mature tree in good health. Good new growth			
Amenity Value			
Visual (20/25): High			
Natural (18/20): Indigenous possibly remnant; the species thrive on the poor sandstone soils of the Sydney region			
Cultural (15/20): Medium			
Botanical (6 /15): Good form; Locally abundant in nearby bushland			
Habitat (4/10): Food source at flowering time			
Environmental (6/10): Medium; Large tree; Species not known for dense canopies			
Total Amenity Value A (69/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 69			
Management Issues: Some overhead electrical wires. Soil moisture levels high			
Management Plan: Unmade Road Management. Additional plantings. Annual monitoring			

Photos



Reference No: B002			
Location: Harnett Park			
Species: <i>Ficus rubiginosa</i>		Common Name: Port Jackson Fig, Rusty Fig	
Description: An excellent example of this indigenous fig. Dominant on this bushland strip with a broad domed canopy, overlooking Mosman Bay. Some smaller figs help make up the canopy.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Long
Comments: Good healthy specimen with good canopy density			
Amenity Value			
Visual (20/25): Dominates the Western side of the Bay			
Natural (20 /20): Indigenous; Self sown; Occurs from Batemans Bay to Queensland			
Cultural (15/20): Creates a sense of place			
Botanical (5/15): Rainforest species; Locally common in gullies around Sydney			
Habitat (8/10): Large, dense canopy provides some nesting sites; Figs are a food source for birds, bats, and flying foxes			
Environmental (8/10): High, modifies the local micro environment			
Total Amenity Value A (76/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 76			
Management Issues: Pests and Diseases, clearances over roadway			
Management Plan: Managed as Bushland, Annual inspections and prune for clearances. Remove deadwood that can impact on parking areas			

Photos



Reference No: B003			
Location: Sirius Cove Reserve			
Species: <i>Melaleuca styphelloides</i>		Common Name: Prickly-leaf Paperbark	
Description: An attractive stand of paperbark trees that are potentially the remaining canopy species of the Sydney Coastal estuary Swamp Forest(27a) – an endangered community under TSCA (1995). Small to medium sized trees ranging from 6-15m in height.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Long
Amenity Value			
Visual (15/25): Visible to neighbourhood and passers by			
Natural (20 /20): Endangered community			
Cultural (8/20): Medium - Low			
Botanical (8/15): Medium; Common to the Sydney area			
Habitat (6/15): Good habitat trees			
Environmental (8/10): High			
Total Amenity Value A (69/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 69			
Management Issues: Invasive weeds competing with regeneration			
Management Plan: Area is managed as bushland. Natural regeneration is encouraged through weed removal and new seedlings are visible. Expect gradual expansion of canopy and number of trees in the next 5 years			

Photos



Reference No: B004			
Location: Sirius Cove Reserve			
Species: <i>Eucalyptus tereticornis</i>		Common Name: Forest Red Gum or Burringoa (aboriginal name from the Sydney area)	
Description: A very large broad crowned individual specimen with mottled grey smooth bark, dominant within the bushland/park. This native Eucalypt occurs mainly on the grassy wooded alluvial flats on the Cumberland Plain.			
Age: Mature	Vigour: Good	Condition: Fair	SULE: Medium
Comments: Good crown density; Some wounding evident on upper trunk and scaffolds.			
Amenity Value			
Visual (15/25): Med-High; Emergent from the bushland canopy			
Natural (10/20): Occurs naturally on the eastern Australian coastal plain and lower slopes of the Great Dividing range			
Cultural (5/20): Low; Planted specimen			
Botanical (8/15): Medium; Rare in the Mosman area			
Habitat (6/10): Large dense tree			
Environmental (8/10): High			
Total Amenity Value A (52/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 52			
Management Issues: Pests and diseases.			
Management Plan: Managed under bushland strategy.			

Photos



Reference No: B005			
Location: Curraghbeena Reserve			
Species: Ficus rubiginosa		Common Name: Port Jackson Fig, Rusty fig	
Description: Mature broad domed Fig in this prominent location overlooking Sirius Cove.			
Age: Mature	Vigour: Good	Condition: Fair	SULE: M
Comments: Mature fig exhibiting good vigour. Minor crown asymmetry.			
Amenity Value			
Visual (15/25): Single specimen, visible to neighbourhood and passers by.			
Natural (20/20): Indigenous; Self sown; Occurs from Batemans Bay to Queensland			
Cultural (12/20): Creates a sense of place			
Botanical (5/15): Rainforest species; Locally common in gullies around Sydney			
Habitat (10/15): Some nesting sites; Figs are a food source for birds, bats, and flying foxes			
Environmental (8/10): Broad canopy			
Total Amenity Value A (71/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 71			
Management Issues: Proximity to structures. Pests and diseases			
Management Plan: Managed under the Park Tree Management Program. Annual monitoring and remedial pruning where necessary.			

Photos



Reference No: B006			
Location: Lawry Plunkett Reserve/ Beaconsfield Road			
Species: <i>Eucalyptus tereticornis</i>		Common Name: Forest Red Gum	
Description: Excellent single specimen planting. Large tree with a broad domed canopy (30m canopy spread). A fine example of this native Eucalypt. The bark is smooth and mottled grey in colour. The name Red Gum derives from the colour of its timber.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Medium
Comments: Excellent balanced structure/crown with no evidence of decay and good wound development.			
Amenity Value			
Visual (25/25): Highly prominent within the area			
Natural (8/20): Occurs naturally on the eastern Australian coastal plain and lower slopes of the Great Dividing range			
Cultural (12/20): Specimen planting			
Botanical (8/15): Not common in the Mosman area			
Habitat (4/10): Food source at flowering time			
Environmental (6/10): Some modification of microenvironment			
Total Amenity Value A (63/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 63			
Management Issues: Overhead power lines encroach on the western canopy. Canopy extends over road.			
Management Plan: Managed under the Park Tree Management Program. Annual monitoring, deadwood removal and remedial pruning where necessary. Maintenance of road and power line clearances.			

Photos



Reference No: B007			
Location: Orlando Avenue, McCauleys Outlook			
Species: Phoenix canariensis, Washingtonia robusta		Common Name: Canary Island Date Palm, Cotton Palm	
Description: A formal mixed species group planting of exotic palms. These palms reflect planting tastes of past times and are prominent in this location. Their architectural form frames views of the city and of Mosman Bay.			
Age: Mature	Vigour: Good	Condition: Good	SULE: M(15-40years)
Comments: Palms in good condition with good apical growth			
Amenity Value			
Visual (25/25): Excellent visual amenity			
Natural (0/20): Exotic species			
Cultural (16/20): Possible connection to McCauley a Councillor who died around the time of planting			
Botanical (6/15): Medium			
Habitat (6 /10): Provides some nesting sites			
Environmental (4/10): Low			
Total Amenity Value A (57/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 57			
Management Issues: Power lines, Dead fronds			
Management Plan: Managed as Unmade Road. Annual inspections. Restrict soil born fungal pathogens such as Fusarium spp. through continued management practices(e.g. restrict use of imported soils and mulches)			

Photos



Reference No: B008			
Location: Rosherville Reserve			
Species: <i>Acmena ingens</i>		Common Name: Red Apple	
Description: Small stand of planted native sub tropical rainforest species. Characteristic large pink-red fruit hence common name.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Long
Comments: Healthy fruiting trees. Potential to double in size. Formation of buttresses with age			
Amenity Value			
Visual (12/25): Group planting; Softens and screens built environment			
Natural (5/20): Planted native. Occurs naturally in parts of Queensland			
Cultural (12/20): Mature trees indicative of past planting schemes			
Botanical (12/15): Uncommon in Mosman			
Habitat (6/10): Fruit eaten by birds and other wildlife			
Environmental (6/10): Medium			
Total Amenity Value A (53/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 53			
Management Issues: Compaction of roots from path on one side; Pests and diseases			
Management Plan: Managed as Bushland			

Photos



Category C

Significant trees under Private ownership.

Reference No: C001			
Location: Parriwi Road(rear of 7 Upper Spit Road)			
Species: <i>Ficus macrophylla</i>		Common Name: Morton Bay Fig	
Description: Native rainforest fig. An excellent specimen of great scale set up on an embankment overlooking Parriwi Road and Middle Harbour. It has a canopy spread of 40m and has a large buttressed trunk typical of the species. A number of sizable exposed roots are evident on the embankment.			
Age: Mature	Vigour: Good	Condition: Good	SULE: M15-40 years
Comments: Tree in good health. Canopy one sided, dominant to the east			
Amenity Value			
Visual (20/25): High			
Natural (8/20): Native, from northern NSW to northern Queensland			
Cultural (12/20): Medium			
Botanical (6/15): Interesting buttressing and root structure			
Habitat (8/15): Large tree; Dense canopy			
Environmental (8/10): High			
Total Amenity Value A (62/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 62			
Management Issues: Road clearances. Pests and diseases			
Management Plan: Private property			

Photos



Reference No: C0002	
Location: 29b Parriwi Road	
Species: <i>Angophora costata</i> (5)	Common Names: Sydney Red Gum, Smooth-barked Apple
Description: Stand of five mature indigenous trees at front of the property. Visually prominent in the streetscape. Provide a good link with the local natural environment.	
Age: Mature	Vigour: Good
Condition: Good-Fair	SULE: Long 40+
Comments: The trees exhibit good vigour and good crown density.	
Amenity Value	
Visual (25/25): Prominent in the streetscape	
Natural (16/20): Indigenous; direct connection with local vegetation	
Cultural (12/20): Medium	
Botanical (6/15): Medium; locally common	
Habitat (6/10): Medium: Some nesting sites	
Environmental (10/10): High – creates a large single canopy	
Total Amenity Value A (75/100)	
SULE weighting (S): 1	Replacement weighting (R): 1
Total Value T= A x S x R: 75	
Management Issues: Pests and diseases. Road clearances	
Management Plan: Private property	

Photos



Reference No: C003			
Location: 9 Whiting Beach Road			
Species: <i>Delonix regia</i>		Common Name: Flamboyant Tree	
Description: A handsome broad crowned tree, considered by some to be one of the most beautiful of all flowering trees. Bright red flowers appear from December to February. The tree grows in sheltered coastal sites. Commonly planted in more tropical areas of Australia, it is rare in Sydney.			
Age: Mature	Vigour: Good	Condition: Good	SULE: M (15-40)
Comments: Good growth and floral display			
Amenity Value			
Visual (18 /25): Important in the streetscape at flowering time			
Natural (0/20): Exotic from Madagascar			
Cultural (10/20): Mature specimen planting			
Botanical (12/15): Rare and unusual species			
Habitat (3/10): Little habitat value			
Environmental (5/10)			
Total Amenity Value A (48/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 48			
Management Issues: Clearances over road, pests and diseases			
Management Plan: Private property			

Photos



Reference No: C004			
Location: 21 Stanley Street			
Species: <i>Araucaria heterophylla</i>		Common Name: Norfolk Island Pine	
Description: Highly prominent native specimen planting, significant in the landscape. This tree stands at around 24m in height, located on the steep hillside overlooking Balmoral and Middle Harbour.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Long
Comments: Tree appears to be in good health with normal foliage density and good apical growth.			
Amenity Value			
Visual (25/25): Highly important within streetscape			
Natural (8/20): Planted native; Occurs naturally on Norfolk Island			
Cultural (12/20): Provides a special function in the landscape			
Botanical (6/15): Good example of species.			
Habitat (4/10): Little habitat value			
Environmental (4/10): Some modification of microenvironment			
Total Amenity Value A (59/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 59			
Management Issues: Private property			
Management Plan: Private property			

Photos



Reference No: C005	
Location: 13 Warringah Road	
Species: <i>Angophora costata</i>	Common Name: Sydney Red Gum
Description: Important local species providing a high level of amenity to local residents and is a integral part of the character of the area	
Age: Mature	Vigour: Good
Condition: Good-Fair	SULE: Long
Comments: Large tree with interesting form (triple stemmed). Lopsided canopy due to building.	
Amenity Value	
Visual (15/25): Significant softening of built environment	
Natural (16/20): Indigenous; <i>A.costata</i> thrive on the poor sandstone soils of the Sydney region	
Cultural (12/20): Possible connection to Ethel Turner(writer) as tree may have been on her property before subdivision	
Botanical (6/15): Locally common in nearby bushland; Interesting triple stemmed form	
Habitat (4/10): Food source at flowering time	
Environmental (8/10): High	
Total Amenity Value A (61/100)	
SULE weighting (S): 1	Replacement weighting (R): 1
Total Value T= A x S x R: 61	
Management Issues: Pests and diseases; Proximity to structures	
Management Plan: Private property	

Photos



Reference No: C006			
Location: 3 Mosman Street			
Species: <i>Olea europaea</i> subsp. <i>africana</i>		Common Name: African Olive	
Description: Self sown exotic. Unusual addition to register by Councillors through Council resolution.			
Age: Mature	Vigour: Good	Condition: Good	SULE: Long
Comments: Multi stemmed form with normal crown density			
Amenity Value			
Visual (7/25): Visible only to owners			
Natural (0/20): Exotic			
Cultural (0/20): No social significance			
Botanical (0/15): Environmental weed			
Habitat (4/15): Edible fruit			
Environmental (4 /10): Small tree			
Total Amenity Value A (15/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 15			
Management Issues: Private property			
Management Plan: Private property			

Photos



Reference No: C 007			
Location: 30 Fairfax Road			
Species: <i>Angophora costata</i> x3, <i>Araucaria heterophylla</i>		Common Name: Sydney Red Gum x3, Norfolk Island Pine	
Description: Group of trees at the rear of private property. The recent development was designed around the trees. The three mature Angophora's with adjoining canopies providing an important softening of the built environment and are significant on an aesthetic, natural and environmental level. The NI Pine with its erect mast like trunk stands tall in the landscape achieving significance on a visual amenity level.			
Age: Mature	Vigour: Good to Fair	Condition: Fair	SULE: Medium - Long
Comments: Angophoras in fair condition, some dead wood present foliage cover 70 -80%. Pine in fair condition with some thinning of canopy.			
Amenity Value			
Visual (20/25): Prominent and significant softening of structures			
Natural (16/20): Indigenous			
Cultural (10/20): Provides special function in the landscape			
Botanical (9/15): Some significance			
Habitat (5/10): Some shelter and nesting sites.			
Environmental (8/10): High			
Total Amenity Value A (68/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 68			
Management Issues: Yet to see if recent development work has had an affect on trees condition.			
Management Plan: Trees on private property			

Photos



Reference No: C008			
Location: 14 Rickard Avenue			
Species: <i>Araucaria cunninghamii</i>		Common Name: Hoop Pine	
Description: Single specimen planting. A tall mature indigenous tree with potential to grow to 50m in height. Due to its size and location on the ridgeline this majestic tree makes an important contribution to the visual and aesthetic character of the area.			
Age: Mature	Vigour: Good - Fair	Condition: Good	SULE: Long
Comments: Tree in reasonable health and condition.			
Amenity Value			
Visual (25/25): Can be seen from afar			
Natural (10/20): Planted native. Occurs naturally on the coast and adjacent mountains of Northern NSW and Queensland.			
Cultural (10/20): Specimen planting			
Botanical (9/15): Good example of the species			
Habitat (4/10): Little habitat value			
Environmental (4/10): Some modification of microenvironment			
Total Amenity Value A (62/100)			
SULE weighting (S): 1		Replacement weighting (R): 1	
Total Value T= A x S x R: 62			
Management Issues: Pests and diseases; rooting availability.			
Management Plan: Private property			

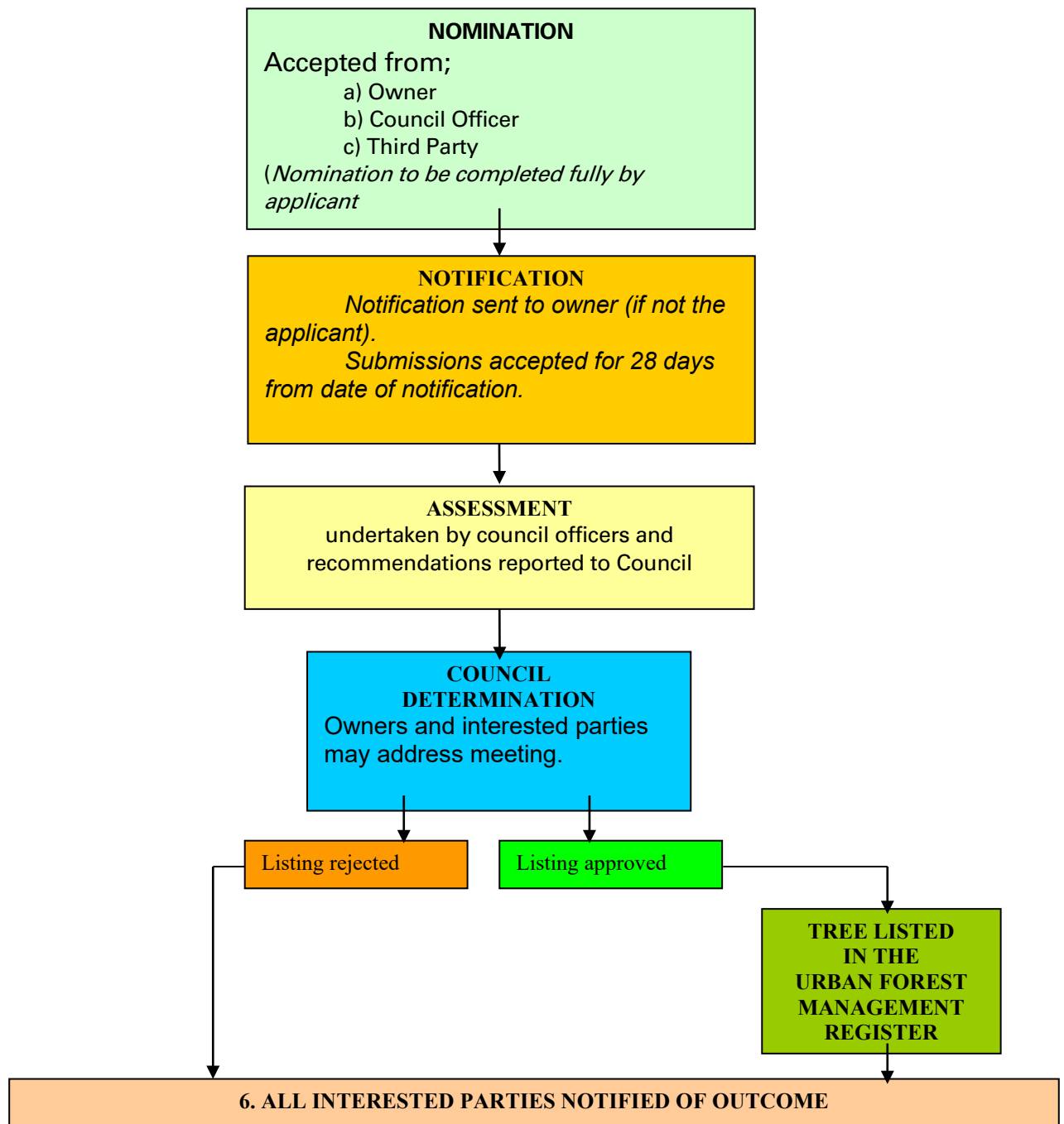
Photos



APPENDICES

- **UFR Flow Chart.**
- **Assessment Criteria**
- **Nomination / Assessment form**

UFR PROCESSING FLOW CHART



Mosman Council
URBAN FOREST MANAGEMENT REGISTER
NOMINATION / ASSESSMENT FORM

Summary of Nomination:

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Site/ Address:

Location:

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Owner: Public [Private [

Details of Nominee:

Name:

Address Suburb Postcode

Postal Address Suburb Postcode

Telephone Contact No. H W M

Email Address:

Details of Arborist

Company Name

Consulting Arborist

Address Suburb Postcode

Postal Address Suburb Postcode

Telephone Contact No. H W M

Email Address:

SITE CONDITIONS

Describe the site addressing such as usage, landscape, soils, structures, services, exposure etc

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LOCATION SCETCH

Indicate street names, boundaries, house numbers, buildings, driveways & paths and north.

NOMINATION CRITERIA

Major Category for which tree is nominated

Visual Amenity [Natural Heritage [Cultural Heritage [
Habitat Value [Botanical / horticultural Significance [
Micro-environmental Contribution [

Statement of Significance (Brief description of the reasons for significance)

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Additional Information

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Details of Photos and other supporting documentation.

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Assessment of Significance (Council use only – not included with application form.)

Significance Rating

Amenity Value (A)	Value	Multiplier	Weighed Value (Total)
Visual Amenity Value		5	(25)
Natural Heritage Value		4	(20)
Cultural Heritage Value		4	(20)
Botanical/ Horticultural Significance		3	(15)
Habitat Value		2	(10)
Micro- environmental contribution		2	(10)
Total Amenity Value (A)			(100)
Safe Useful Life Expectancy –SULE (S)			
Replacement Potential (R)			
Total Significance Rating (A x S x R)			

Comments

Visual Amenity

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Natural Heritage

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Cultural Heritage

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Botanical/ Horticultural Significance.....

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Habitat Value.....

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Micro-environmental importance

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Other comments/Management Recommendations

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ASSESSMENT CRITERIA

Amenity Value (A)

Visual Amenity Value

0				5
<p>Provides no visual benefit.</p> <p><i>Shrub or small tree or screened by buildings or other vegetation.</i></p>	<p>Low visual amenity.</p> <p><i>Frequently visible by only owners or immediate neighbours.</i></p> <p><i>Small tree within park, street and garden.</i></p> <p><i>Slightly visible within group planting or bushland.</i></p>	<p>Medium visual amenity.</p> <p><i>Visible by neighbourhood and passers by.</i></p> <p><i>Provides important screen between local properties</i></p> <p><i>Forms minor part of a group of planting.</i></p> <p><i>Provides minor softening to nearby structures as viewed from a distance.</i></p> <p><i>Attractive or interesting for part or all year.</i></p>	<p>Tree provides high visual amenity to the area.</p> <p><i>Prominent within street or park-tree planting. Removal would impact on the vista.</i></p> <p><i>Highly visible by neighbourhood and passers by.</i></p> <p><i>Provides significant softening of buildings from a distance.</i></p> <p><i>Superb and appealing specimen</i></p>	<p>Excellent visual amenity.</p> <p><i>Single specimen tree prominent at a distance by passers by.</i></p> <p><i>Highly important within street or park-tree planting and removal would have a major effect on the vista.</i></p>

Weighting 25% (multiply determined value by 5)

Natural Heritage Value

0				5
<p>No natural connection with local area</p> <p><i>Exotic</i></p> <p><i>Native with no connection to local area.</i></p> <p><i>Indigenous species planted from unknown genetic stock.</i></p>	<p>Low natural heritage value.</p> <p><i>Indigenous tree planted from provenance</i></p>	<p>Some direct connection with the natural vegetation.</p> <p><i>Young indigenous tree from, or within, remnant community.</i></p> <p><i>Important seed source for local species.</i></p>	<p>High natural heritage value.</p> <p><i>Indigenous and remnant (80+ years old)</i></p> <p><i>Listed under the threatened species conservation act 1995</i></p>	

Weighting 20% (multiply determined value by 4)

Cultural Heritage Value

0				5
<p>No social or historical significance</p> <p><i>No special function or some problem features.</i></p>	<p>Low cultural value.</p> <p><i>Young tree indicative of past plantings schemes around local area.</i></p>	<p>Medium cultural value.</p> <p><i>Mature tree indicative of past plantings schemes around local area.</i></p> <p><i>Provides a special function to the landscape.</i></p>	<p>High Cultural value</p> <p><i>Indirect connection to specific historical or commemorative local event.</i></p> <p><i>Remnant and indicative of past planting eg Avenue planting or historical masterplan</i></p> <p><i>Tree creates a sense of place.</i></p>	<p>Very high cultural value.</p> <p><i>Direct connection to specific historical or commemorative local event.</i></p> <p><i>Known widely</i></p>

Weighting 20% (multiply determined value by 4)

Botanical/ Horticultural Significance

0		5	
Tree has no botanical significance. <i>Listed on Councils noxious weeds List.</i> <i>Undesirable species</i>	Low botanical significance. <i>Interesting form/habit</i>	Some botanical significance. <i>Rare species.</i> <i>Extremely unusual species for local area</i> <i>Exceptional/unusual habit</i>	High botanical significance <i>Rare & endangered specie</i>

Weighting 15% (multiply determined value by 3)

Habitat Value

0		5	
No habitat value <i>Restricts desirable plants and of little value fauna.</i>	Little habit value. <i>Small to medium trees that provides some food and shelter to native birds and mammals.</i>	Some habitat value. <i>Large dense tree.</i> <i>Some nesting sites.</i> <i>Excellent food source for native species.</i> <i>High food source at certain times of the year.</i>	Excellent habitat tree. <i>Large tree with nesting sites and food source for birds and mammals.</i>

Weighting 10% (multiply determined value by 2)

Micro-environmental contribution

0		5	
Provides no benefit to the microenvironment. <i>Small tree or shrub</i>	Provides some impact in modifying the microenvironment (eg. reducing glare, heat, radiation and wind to the surrounds)	Has a major impact in modifying the microenvironment (eg. reducing glare, heat, radiation and wind to the surrounds)	

Weighting 10% (multiply determined value by 2)

A = Total amenity value is the sum of the above weighted figures.

Safe Useful Life Expectancy (SULE) adapted from Barrell, 1996. (S)

Category	Weighting (S)
Long SULE (40+ years) - Trees which can be retained at an acceptable level of risk, with reasonable maintenance, for greater than 40 years.	1
Medium SULE (15-40 years) – Trees that can be retained at an acceptable level of risk, with reasonable maintenance, for 15 to 40 years.	
Short SULE (15-40 years) - Trees that can be retained at an acceptable level of risk, with reasonable maintenance, for 5 to 15 years.	0
Remove (0 5 years) Trees which require, and should be removed within the next 5 years.	

Replacement Potential (R)

Category	Weighting (S)
Adequate replacement could be established within 15 years	0
Difficult to establish adequate replacement tree	1

Note: An “adequate” replacement would be one that addresses the most important amenity qualities of the subject tree.

Total Significance Rating (T) = A x S x R