

HICKSON PARK TREE PLANTING
Tristaniopsis laurina - Water Gum

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✓
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	LOW

DESIGN CONSIDERATIONS

The water gum has a clean upright trunk and a well structured crown. It is well suited to partly shaded sites and is therefore considered particularly well suited for the wind buffer tree. This tree is required to be located close to the building awnings in accordance with the wind report.

ALTERNATIVE SPECIES CONSIDERATION

Other possible alternative species that were considered include.

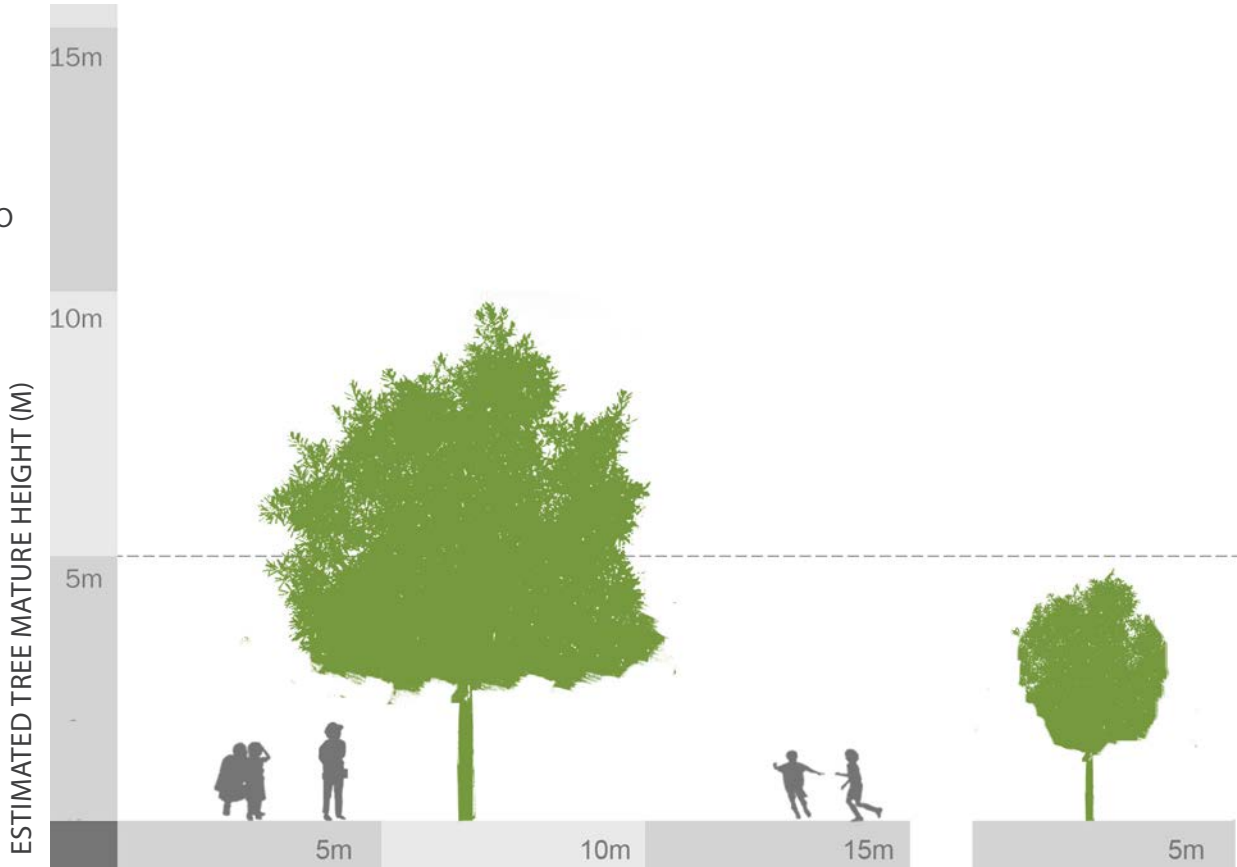
- *Cupaniopsis anacardioides* - concern over dense crown and potential disruption of view
- *Platanus acerifolia* - concern over potential to be too high adjacent to the buildings
- *Flindersia australis* - could be an alternative but concern over potential height and scale adjacent to the buildings

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Barangaroo Reserve and many other locations around Sydney's salt water estuaries



KEY PLAN



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.



HICKSON PARK
Tristaniopsis laurina

HICKSON PARK TREE PLANTING
Angophora costata - Sydney Red Gum

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✓
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	MODERATE

DESIGN CONSIDERATIONS

High canopies and striking ‘gnarly’ branches provides a particularly distinctive character and contrast in these entrance corners of the park.

ALTERNATIVE SPECIES CONSIDERATION

Other possible alternative species that were considered include.

- Banksia sp - “Gnarly” and distinctive character but considered too small and more synonymous with coastal locations
- Casuarina - messy needle drop and disruptive to views in and out of park

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Barangaroo Reserve and Millers Point



KEY PLAN



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.



HICKSON PARK
Angophora costata

HICKSON PARK TREE PLANTING
Ficus macrophylla - Moreton Bay Fig

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✓
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	MODERATE

DESIGN CONSIDERATIONS

Selected as a spectacular individual trees at specific locations throughout Barangaroo South. They have been located to announce key entry and arrival points. The Moreton Bay fig is commonly found in coastal locations around the Harbour. Several other magnificent specimens can be found in the Domain, Mrs Macquaries Chair and even as close as the adjacent Bond Plaza. The Morten Bay fig has an ultimate size and stature to mitigate and complement the surrounding built form and scale.

ALTERNATIVE SPECIES CONSIDERATION

Other possible alternative species that were considered include.

- Ficus rubiginosa - dismissed because of its smaller form and size
- Magnolia sp - dismissed because of its smaller form and size and because it is less synonymous with singular magnificent tree planting around the Harbour.

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Darling Harbour, Barangaroo Reserve and Royal Botanic Gardens



KEY PLAN



HICKSON PARK
Ficus macrophylla



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.

HICKSON PARK, WULUGUL WALK + BOARDWALK,
WATERMANS COVE TREE PLANTING
Ficus microcarpa var. *hillii* - Chinese Banyan

CHARACTERISTICS + SUITABILITY

Evergreen

Native

Common to Sydney

Harbourside Tolerance

Seasonal Litter

MODERATE

DESIGN CONSIDERATIONS

Selected as a spectacular individual trees at specific locations throughout Barangaroo South. They have been located to announce key entry and arrival points. The Moreton Bay fig is commonly found in coastal locations around the Harbour. Several other magnificent specimens can be found in the Domain, Mrs Macquries Chair and even as close as the adjacent Bond Plaza. The Morten Bay fig has an ultimate size and stature to mitigate and complement the surrounding built form and scale.

ALTERNATIVE SPECIES CONSIDERATION

Other possible alternative species that were considered include.

- *Ficus rubiginosa* - dismissed because of its smaller form and size
- *Magnolia* sp - dismissed because of its smaller form and size and because it is less synonymous with singular magnificent tree planting around the Harbour.

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Hickson Road and Barangaroo Reserve



KEY PLAN



HICKSON PARK, WULUGUL WALK + WATERMANS COVE
Ficus microcarpa var. *hillii*



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.

WULUGUL WALK + BOARDWALK TREE PLANTING
Celtis australis - Mediterranean hackberry

CHARACTERISTICS + SUITABILITY

Evergreen	✗
Native	✗
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	LOW

DESIGN CONSIDERATIONS

Celtis australis (Southern Hackberry) has been approved by the Authority. It is currently planted along Wulugul Walk in Stage 1A and Barangaroo Central. *Celtis* has been proposed along Wulugul Walk in stage 1B for continuity with existing species.

ALTERNATIVE SPECIES CONSIDERATION

There is no requirement to consider alternative tree species for Wulugul Walk as this tree has already been approved by the Authority.

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Barangaroo Reserve and Kent St, The Rocks.



KEY PLAN



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.



WULUGUL WALK
Celtis australis

WATERMANS COVE TREE PLANTING
Corymbia maculata - Spotted Gum

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✓
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	MODERATE

DESIGN CONSIDERATIONS

Selected to define Waterman’s Cove as a special place and differentiate it from the rest of the trees along Wulugul Walk. Corymbia maculata is one of the most recognisable of Eucalyptus trees primarily due to its beautiful bark. It has a full crown and an upright habit that makes particularly suitable for an urban location (as is evidenced in the mature existing planting in Darling Harbour adjacent to Tumbalong Park). Its evergreen canopy will help define and strengthen Watermans Cove as a distinctive place, when mature its scale is well suited to the scale of the Harbour and adjacent Crown Hotel.

ALTERNATIVE SPECIES CONSIDERATION

Other possible alternative species that were considered include.

- Angophora costata - concern over bark shedding and litter
- Elaeocarpus eumundi - concern that tree canopy was not of appropriate form
- Flindersia australis - concern over burn from wind and salt spray

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Munns Reserve & Darling Harbour



KEY PLAN



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.



WATERMANS COVE
Corymbia maculata

WATERMANS COVE TREE PLANTING
Angophora costata - Sydney Red Gum

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✓
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	MODERATE

DESIGN CONSIDERATIONS

Selected to define Waterman’s Cove as a special place and differentiate it from the rest of the trees along Wulugul Walk. It has a full crown and an upright habit. It has the potential to be a larger tree and is therefore particularly suitable in terms of scale for the planting adjacent to Crown Sydney. Its evergreen canopy will help define and strengthen Watermans Cove as a distinctive place.

ALTERNATIVE SPECIES CONSIDERATION

Other possible alternative species that were considered include.

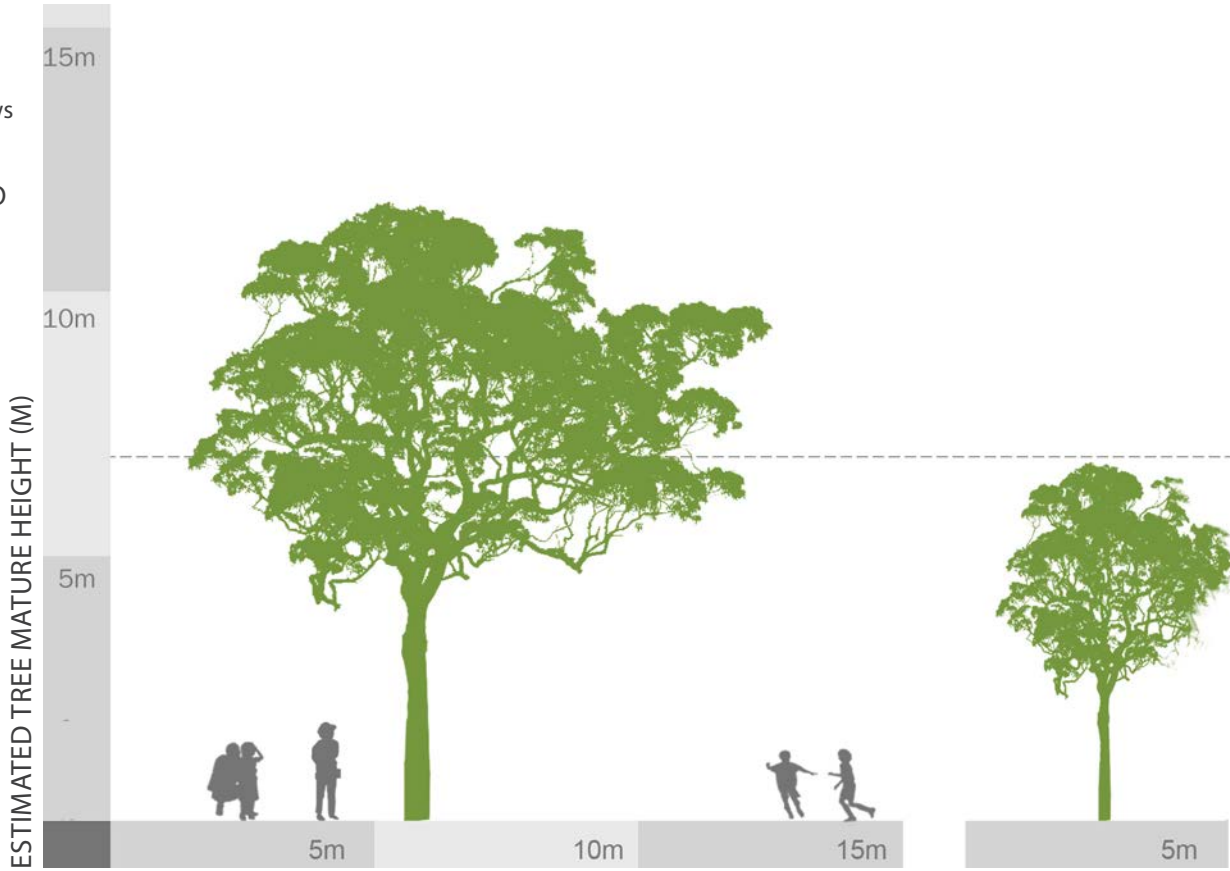
- Banksia sp - “Gnarly” and distinctive character but considered too small and more synonymous with coastal locations
- Casuarina - messy needle drop and disruptive to views in and out of park

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Barangaroo Reserve and Millers Point



KEY PLAN



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.



WATERMANS COVE
Angosphora costata

WATERMANS COVE TREE PLANTING
Waterhousea floribunda var. 'Green Avenue' - Green Avenue

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✓
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	MODERATE

DESIGN CONSIDERATIONS

Selected to define Waterman’s Cove as a special place and differentiate it from the rest of the trees along Wulugul Walk. Waterhousea “Green Avenue” is a specific variety that has been developed to have a more upright habit and a dependable neat crown. A particularly important character for this tree is that it is able to provide a reliable form that can maintain views out to the water under the canopy. It is also required to be able to withstand salt spray.

ALTERNATIVE SPECIES CONSIDERATION

- Other possible alternative species that were considered include.
- Angophora costata - concern over bark shedding and litter
 - Elaeocarpus eumundi - concern that tree canopy was not of appropriate form
 - Flindersia australis - concern over burn from wind and salt spray

LOCATION WHERE CURRENTLY GROWING CLOSE TO SITE

Castlereagh St in the CBD. Westmoreland St cnr Mitchell St Glebe.



KEY PLAN



Note: Tree height and canopy spread are indicative only. Actual sizes depend on a variety of environmental factors including soil type and volume.



WATERMANS COVE
Waterhousea floribunda var. 'Green Avenue'

SHRUB PLANTING AREAS

The different shrub planting areas are illustrated as follows.

- Fern Garden
- Cove Raised Planter Garden
- Fig Raised Planter Garden

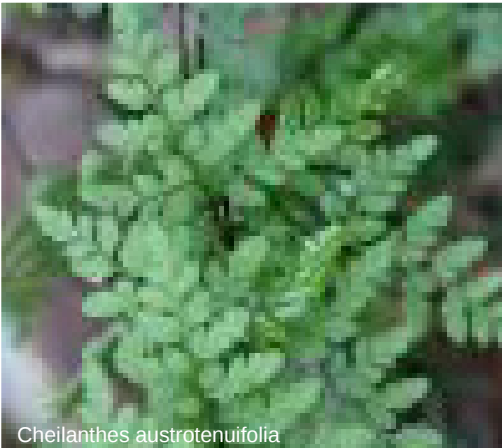


SHRUB PLANTING PALETTE

The proposed shrub planting palette will include a mixture of low ground cover, and medium sized shrub planting to ensure that the understory planting areas are enriched with diversity of suitable plant types, flowering colour and texture.

Shrub planting defines two main areas of the proposals. These include the raised planter/seating areas and the understorey planting at the base of the Hickson Park tree belt. For Hickson Park the tree belt planting understory is proposed to be composed of a variety of different native ferns in response to the shade patterns that are proposed by the adjacent building forms and mature tree canopies.

The fern species will be selected from the ferns that are already planted in Barangaroo Reserve. They will provide contrasting leaf form, texture and colour to the tree planting in the tree belt and are intended to provide a much more delicate planting character in and around this area of the Park.



FERN GARDEN

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✓
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	Low

DESIGN CONSIDERATIONS

The fern garden will include a mix of ferns that have already been planted at Barangaroo Reserve. The delicate foliage will contrast well with the surrounding porphyry paving and the varied rich greens will contrast well with the natural sandstone “veins”.



KEY PLAN



Dicksonia antarctica - Tree fern



Blechnum nudum - Fishbone fern



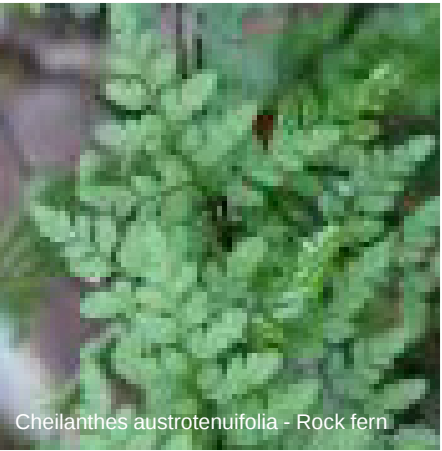
Ficinia nodosa - Knotted club-rush



Blechnum patersonii - Strap-water fern



Asplenium australasicum - Birds nest fern



Cheilanthes austrotenuifolia - Rock fern

FERN GARDEN SHRUB PALETTE

FIG RAISED PLANTER

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	✗
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	LOW

DESIGN CONSIDERATIONS

Star Jasmine will be planted at the base of the signature fig trees at each of the raised planter locations. Star jasmine is tolerant of shade and will ensure that clear views are permitted under the fig tree canopies. Frgrant white flowers will be produced in summer.



KEY PLAN



Trachelospermum jasminoides - Star jasmine

FIG RAISED PLANTER SHRUB PALETTE

COVE RAISED PLANTER

CHARACTERISTICS + SUITABILITY

Evergreen	✓
Native	MIXED
Common to Sydney	✓
Harbourside Tolerance	✓
Seasonal Litter	LOW

DESIGN CONSIDERATIONS

The raised planters at the back of Watermans Cove provide an large area for shrub planting in an otherwise large area of hard paving. The species proposed differ from the raised fig tree planters and have been selected to exhibit a strong contrast in colour and flower which is representative of the overall design intent of these planters. The shrub planting will - in the main - be low (below 300mm) to allow views across them, through tree trunks and under tree canopies to the Harbour.-



KEY PLAN



Banksia spinulosa var. spinulosa - Birthday candles



Trachelospermum jasminoides - Star jasmine



Scaevola aemula - Fairy fan flower

COVE RAISED PLANTER SHRUB PALLETE

