



MACPHERSON STREET STREETSCAPE
Indigenous tree species will be planted to create filtered views in and out of the site through the development of a tree canopy on the street frontage. Kerb widenings are to include a managed understorey of low-growing shrubs and grasses.

LEGEND

- EXISTING TREES TO BE RETAINED
Refer to tree survey plans:
123899/ TREES1 REV 1
123899/ TREES2 REV 1
123899/ TREES3 REV 1
prepared by JBW Surveyors Pty Ltd for details of tree species.

DECIDUOUS COURTYARD TREES
Lagerstomias indica (Crape Myrtle)
Pyrus calleryana 'Chanticleer'
Magnolia x soulangeana

BOONDAH ROAD
Angophora costata (Sydney Red Gum)

MACPHERSON STREET TREES
Eucalyptus robusta (Swamp Mahogany)

ROAD TYPE A
Waterhousea floribunda (Brush Cherry)
- ROAD TYPE B
Tristanopsis laurina (Water Gum)

SWAMP OAK FOREST
Casuarina glauca (Swamp Oak)
Eucalyptus robusta
Melaleuca linariifolia
Banksia integrifolia
Acmena smithii

RAINFOREST PLANTING
Livistonia australis (Cabbage Palm)
Asplenium australasicum
Stenocarpus sinuatus

MASSSED NATIVE SHRUBS
Planted in groups of 5 and 10
Species include:
Acacia, Banksia, Callistemon,
Eleocharis, Grevillea, Leptospermum,
Melaleuca and Westringia
- MASSSED NATIVE GRASSES
Planted in groups of 5 and 10
Species include:
Dianella, Lomandra, Pennisetum,
Poa and Themeda

Turf

Bio-Retention Basin

Mass Planting
- shrubs and grasses
- refer to ind. plant schedule

Courtyard Paving to arch. doc.
- Private
- Unit pavers
- Entry Paving
- Public
- Unit pavers

Paving Type 1
- Public
- Broom finished concrete

Paving Type 2
- Public
- Unit pavers

Softfall Mulch

Gravel / Crushed Sandstone
- Pedestrian /
Bike Path

Planter wall /
Retaining Wall

PEDESTRIAN/ CYCLE PATH

MACPHERSON STREET ENTRY STATEMENT
Stone wall signage and feature paving.
Feature tree and shrub planting include:
Livistona australis (400 Litre), Doryanthes excelsa

OVERLAND FLOWPATH
Grassed drainage swale with screening tree planting and banks of masssed native grasses located on steep contouring.

25m 'BUFFER STRIP'
Strip to be rehabilitated to contain open space areas, gardens and a pedestrian/ cycle path. The 'Buffer Strip' is to provide a transition from the public riparian zone and residential precinct

50m PUBLIC RIPARIAN ZONE
A 50m creekline reservation to be planned and implemented as a multi-use open space corridor. Restore creek banks, water quality, water flow and ecology. Control and manage creekbank erosion with rock armouring. Preserve and restore habitat areas. Permit only low impact, passive recreational access. Provide widenings to creek to slow water movement. Regrade and stabilise creek banks to 1:3 max grade (vegetated) and 1:6 max grade at water access points. Extensive weed eradication is to be undertaken prior to any revegetation programmes commencing.

PEDESTRIAN BOARDWALK LINK
An elevated crossing will be provided to enable pedestrian connectivity to adjoining Warriewood wetland

BIO-RETENTION POND
Ponds to filter stormwater runoff through densely planted surface vegetation and then percolate runoff through a prescribed filter media.

FERN CREEK
Rock armouring of waterline particularly outer bends of creek to reduce possible erosion. Extensive weed eradication is to be undertaken prior to any revegetation programmes commencing. Native aquatic species to be used to revegetate creekline margins. Species to include:
Alisma plantago
Baumea articulata
Baumea juncea
Baumea ribignosa
Bolboschoenus fluviatilis
Bolboschoenus cadwellii
Eleocharis spachelata
Phragmites australis
Schenoplectus validus
Triglochin procera

EDGE OF EXISTING WETLANDS

20m CORE RIPARIAN ZONE
Extensive weed eradication is to be undertaken prior to any revegetation programmes commencing. Riparian and native vegetation is to be conserved and restored with supplementary plantings of selected trees, shrubs and groundcovers to provide linkages and stepping stones for wildlife movement.

100 Year FLOOD STORAGE AREA (grey fill) Refer to engineer's drawings for details Managed grassland area with native tree planting.

ASSET PROTECTION ZONE (APZ)
25m wide buffer managed to reduce the bush fire hazard to an acceptable level. The APZ is made up of a 15m wide Inner Protection Area (IPA) and a 10m wide Buffer Zone consisting of carefully selected and located vegetation so as not to create a fire path.

PEDESTRIAN/ CYCLE PATH
A shared bicycle/pedestrian path has been located to form the primary buffer between the Asset Protection Zone (APZ) and the core riparian zone. The path is to link with similar paths on adjoining land. The proposal allows for 3 (three) lookouts to be located at suitable points for viewing into the wetlands. Elevated timber boardwalks are to provide access over sensitive Riparian planting and flood storage area. Seating, signage, solar lights and litter bins to be provided.

BOONDAH ROAD STREETSCAPE
Existing Angophoras to be retained where possible. Additional Angophoras (400 Litre) will be planted to create filtered views in and out of the site through the development of a tree canopy on the road frontage.

BOONDAH ROAD ENTRY STATEMENT
Stone wall signage and feature paving. Feature tree and shrub planting include:
Livistona australis (400 Litre), Doryanthes excelsa

EXISTING SWAMP SCLEROPHYLL FOREST
All native vegetation that is outside footpath, road and building reserve is to be retained as part of the 'wetland buffer strip' and will form a vegetated link between the wetlands to the south and Boondah Road.

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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

Issue	Revision Description	Drawn	Check	Date
A	PRELIMINARY	DM	DC	04.02.2010
B	FOR APPROVAL	DM	DC	13.08.2010
C	FOR APPROVAL	DM	DC	11.02.2011
D	Stage 1 Building Footprints updated	DM	DC	01.04.2011
E	B1 Modifications	DM	DC	27.05.2011
F	B1 Modifications	AH	DC	02.02.2012

Client:
Meriton Apartments Pty Ltd

Project:
14-18 Boondah Road
Warriewood

B1 Modification

Drawing Name:
Landscape Masterplan
Stage 1 DA

Scale:
1:500 @ A0

Date:
07.02.2010

Drawn: Job Number: SM10041	DM	Approved: Drawing Number: LA101	DC	Issue: F
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