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13 ENDEAVOUR ROAD

CAPTAIN COOK DRIVE, CARINGBAH, NSW

LANDSCAPE MASTERPLAN REPORT
26.08.2020
ISSUE A





DESIGN NOTES

- & EMBELLISHED WITH ADDITIONAL TREE PLANTING
- 11. TRANSPLANTED PALM GROVE PLAZA
- 12. AUSGRID POWER POLE
- 13. VIEWING PLATFORM / LUNCH AREA
 - Seating / Tables
 - Interpretive signage
 - Shade tree
- 14. EXISTING NATIVE VEGETATION RETAINED
- 15. NEW ENDEMIC RIPARIAN PLANTING
- 16. EXISTING BIKE PATH (OUTSIDE SITE BOUNDARY)
- 17. INTERSECTION TO BE UPGRADED

446 NEW CANOPY TREES PLANTED

722 EXISTING TREES RETAINED OR TRANSPLANTED

91,723 m² OF TREE CANOPY ON SITE AFTER DEVELOPMENT

The diagram consists of three vertical panels, each representing a principle of green infrastructure. Each panel has a grey icon at the top, a principle name in the middle, and a description at the bottom.

- Panel 1 (Integration):** The icon is a stylized asterisk or star shape. The text reads "PRINCIPLE 1." followed by "Integration" (underlined) and "combine green infrastructure with urban development and grey infrastructure".
- Panel 2 (Connectivity):** The icon shows four squares connected by lines in a cross pattern. The text reads "PRINCIPLE 2." followed by "Connectivity" (underlined) and "create an interconnected network of open space".
- Panel 3 (Multifunctionality):** The icon shows a stylized figure sitting on a bench. The text reads "PRINCIPLE 3." followed by "Multifunctionality" (underlined) and "deliver multiple ecosystem services simultaneously".

CLIENT **Aliro** 

0 20 40 60 80 100m

SCALE 1:2000 AT A3



LANDSCAPE TREE PLANTING STRATEGY



CONTEXT PLAN

LEGEND:

- EXISTING TREES TO BE RETAINED
- EXISTING TREES TO BE REMOVED
- PROPOSED TREE PLANTING
- LOCATION OF TRANSPLANTED PALMS
- TREES (PARKING SPACES)
- EXISTING PALMS TO BE TRANSPLANTED

RE-VEGETATION STATISTICS	
EXISTING TREES TO BE RETAINED	609
EXISTING TREES TO BE REMOVED	151
PROPOSED TREE PLANTING	245
TRANSPLANTED PALMS	55
TREES (PARKING SPACES)	146
EXISTING PALMS TO BE TRANSPLANTED	58

LANDSCAPE DETAIL PLAN: WATERFRONT (NORTH EAST)



KEYPLAN

DESIGN NOTES

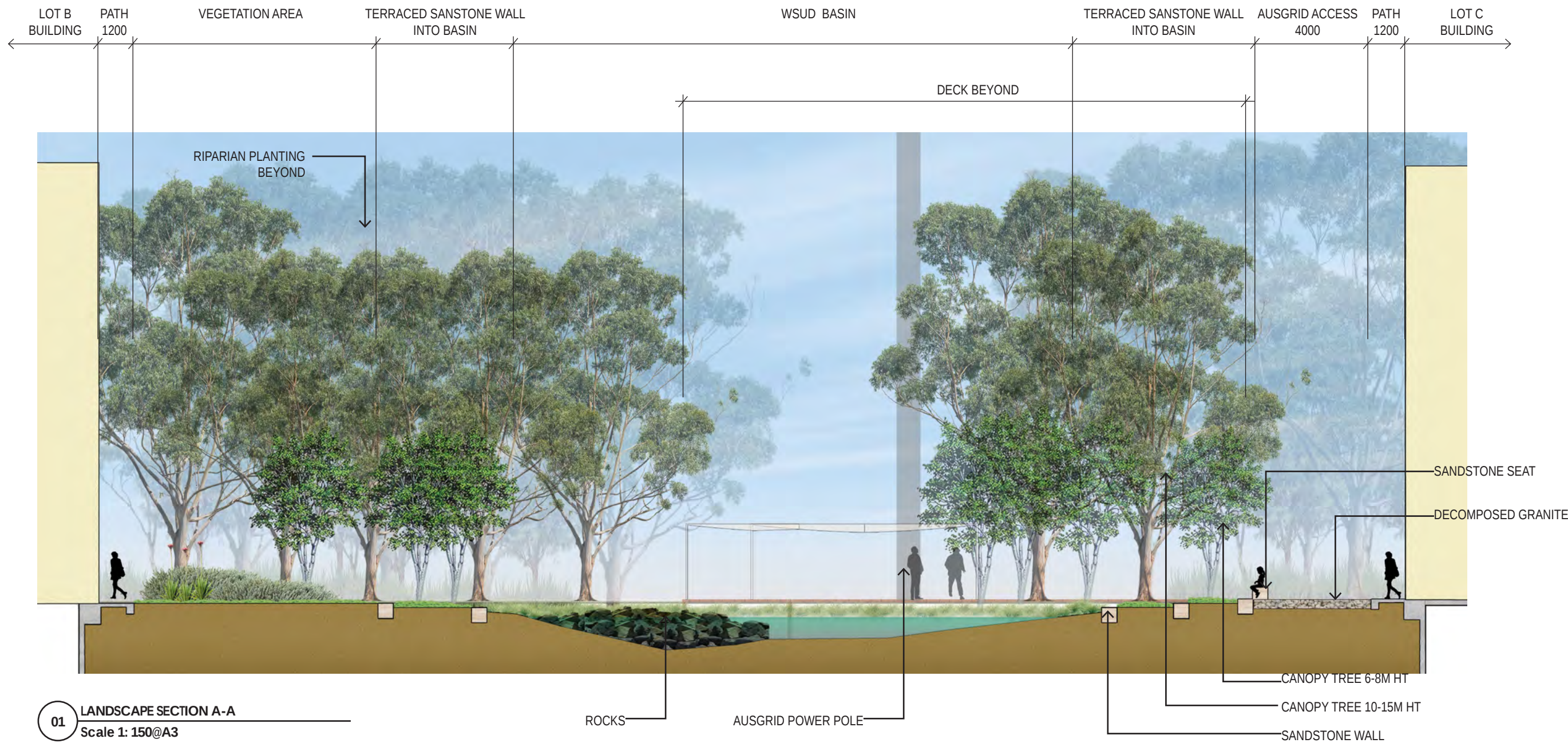
- 1. RAISED LUNCH AREA WITH SANDSTONE TERRACES
 - Decomposed granite
 - Tables / Seats
 - Feature tree
 - Shade / Pergola
- 2. FEATURE FIG TREE OR SIMILAR
- 3. TURF EMBANKMENT
- 4. CONCRETE PATH ALONGSIDE BUILDING FACADE
- 5. BENCH SEAT
- 6. TERRACED SANDSTONE WALLS INTO BASIN
- 7. TIMBER VIEWING DECK / SITTING AREA
- 8. DECOMPOSED GRANITE AUSGRID ACCESS
- 9. EXISTING AUSGRID POWER POLE
- 10. EXISTING GRASS AREA RETAINED
- 11. EXISTING VEGETATION TO BE INCREASED WITH ENDEMIC RIPARIAN PLANTING
- 12. WSUD BASIN
- 13. SANDSTONE SITTING BLOCKS
- 14. RAINWATER GARDEN
- 15. NEW ENDEMIC RIPARIAN PLANTING
- 16. REEDS & RUSHES PLANTING
- 17. HEADWALL

LANDSCAPE SECTION

Note: landscape sections are indicative only



KEYPLAN



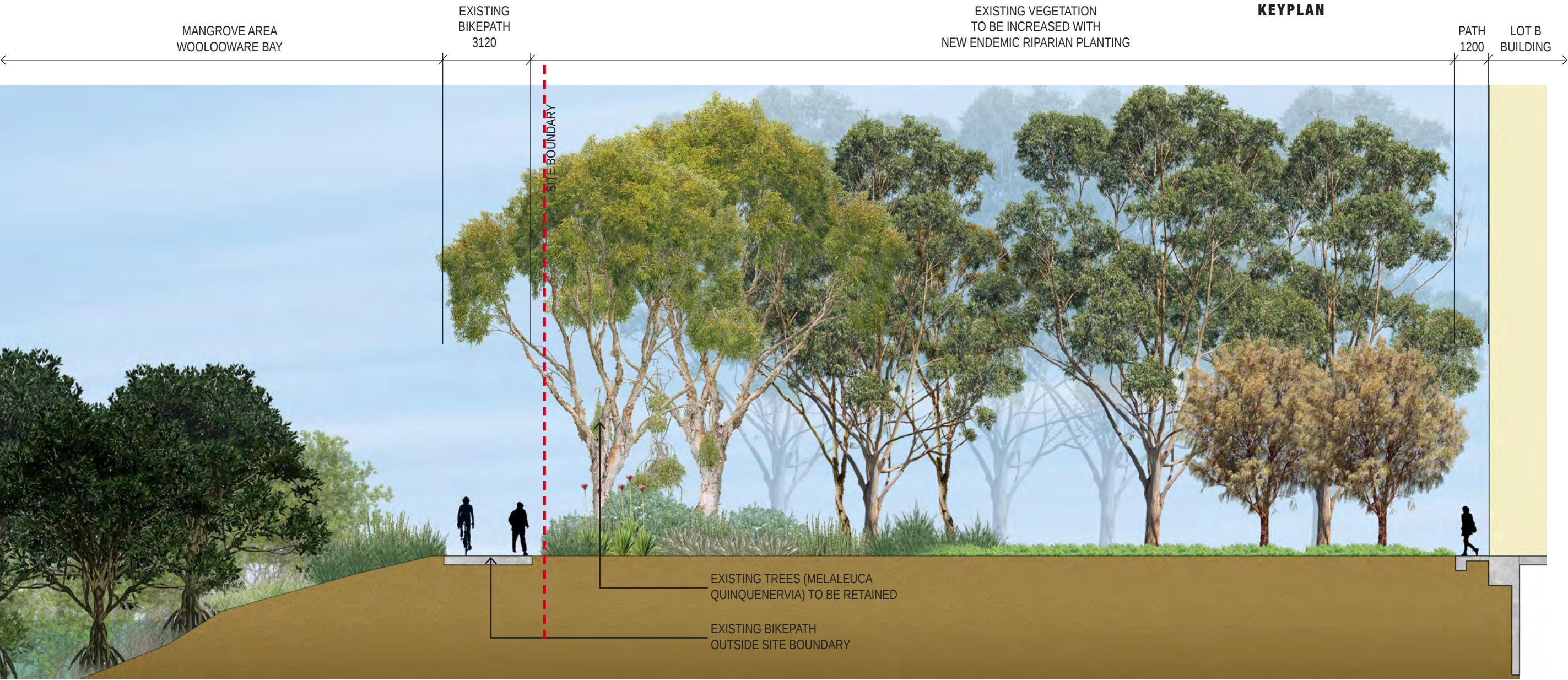
01 LANDSCAPE SECTION A-A
Scale 1: 150@A3

LANDSCAPE SECTION

Note: landscape sections are indicative only



KEYPLAN



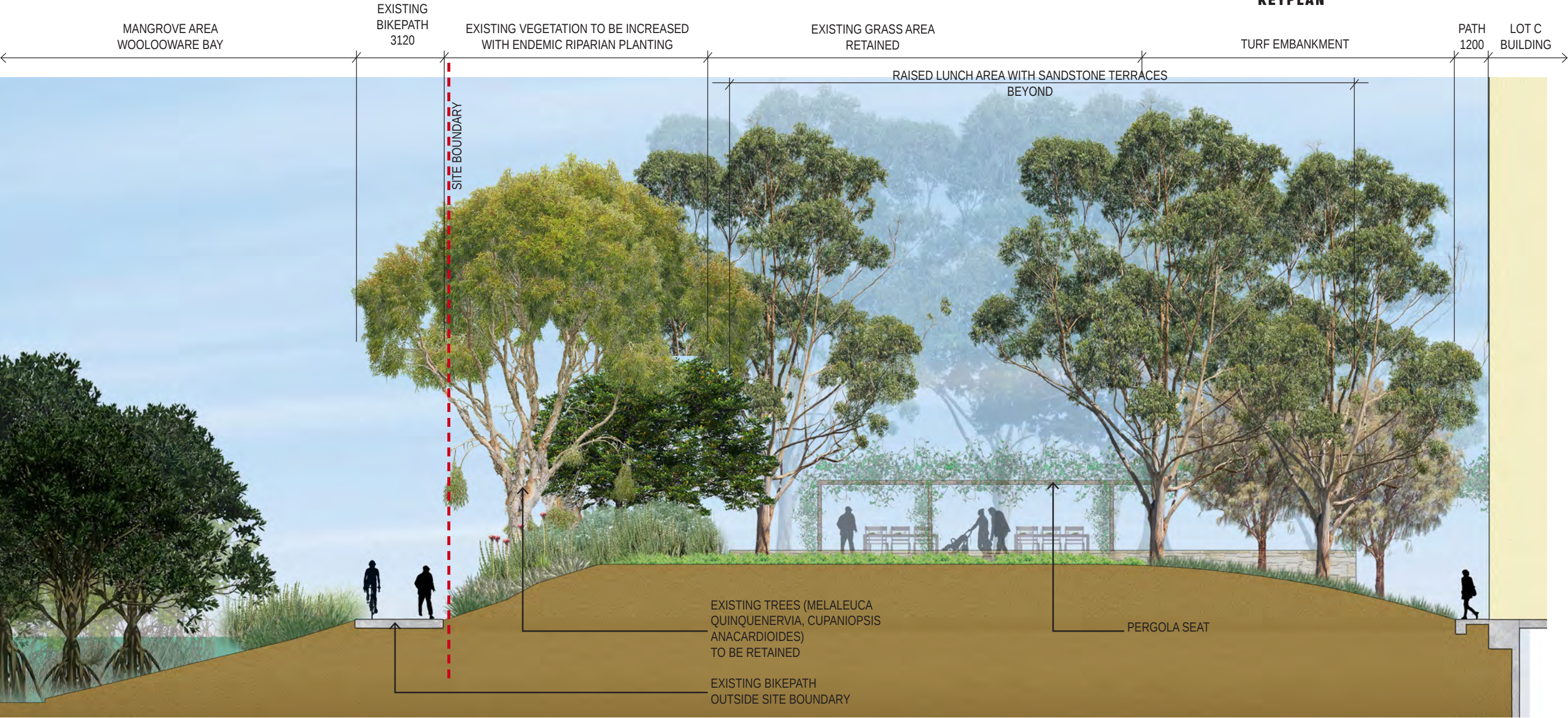
01 LANDSCAPE SECTION B-B
Scale 1: 150@A3

LANDSCAPE SECTION

Note: landscape sections are indicative only



KEYPLAN



01 LANDSCAPE SECTION C-C
Scale 1: 150@A3

PRECEDENT IMAGES

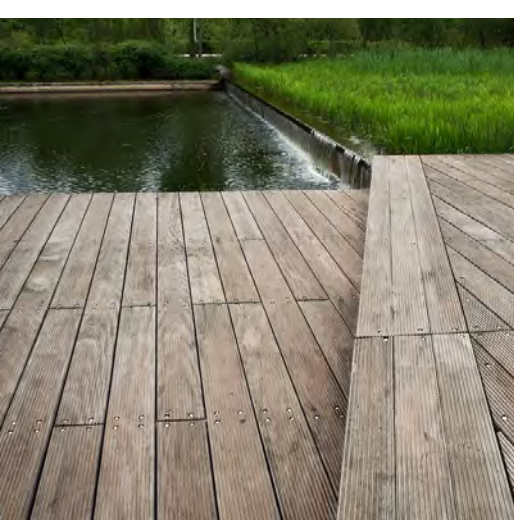
BUILDING FRONTAGES



ENHANCED RIPARIAN PLANTING



VIEWS DECK AND BASIN



TERRACED SANDSTONE WALL



PERGOLA



SANDSTONE SITTING BLOCKS



PARKING AREA



PROPOSED PLANT LIST

Plant list sourced from Sutherland Shire Council Native Plant Selection

TREE	
BOTANICAL NAME	COMMON NAME
Acacia binervata	Two Veined Hickory
Acacia binervia	Coast Myall
Acacia decurrens	Green Wattle
Acacia implexa	Hickory
Acacia irrorata	Green Wattle
Acacia maidenii	Maiden's Wattle
Acacia parramattensis	Sydney Green Wattle
Acacia parvipinnula	Silver Stem Wattle
Acmena smithii	Lillypilly
Aegiceras corniculatum	River Mangrove
Allocasuarina littoralis	Black Sheoak
Allocasuarina torulosa	Forest Oak
Alphitonia excelsa	Red Ash
Angophora bakeri	Narrow Leaf Apple
Angophora costata	Smooth Barked Apple
Angophora floribunda	Rough Barked Apple
Archontophoenix cunninghamiana	Bangalow Palm
Avicennia marina	Grey Mangrove
Banksia integrifolia	Coast Banksia
Banksia serrata	Old Man Banksia
Callicoma serratifolia	Black Wattle
Callitris rhomboidea	Port Jackson Pine
Cassine australis	Red Fruited Olive Plum
Casuarina glauca	Swamp Sheoak
Celtis paniculata	Hackberry
Ceratopetalum apetalum	Coachwood
Corymbia gummifera	Bloodwood
Cupaniopsis anacardioides	Tuckeroo
Ehretia acuminata	Koda
Elaeocarpus reticulatus	Blueberry Ash
Endiandra sieberi	Corkwood
Eucalyptus agglomerata	Blue Leaf Stringy Bark
Eucalyptus amplifolia	Cabbage Gum
Eucalyptus baueriana	Blue Box
Eucalyptus botryoides	Bangalay
Eucalyptus botryoides X saligna	Blue Gum Hybrid
Eucalyptus camfieldii	Heart-leaved Stringybark
Eucalyptus capitellata	Brown Stringybark
Eucalyptus consideniana	Yertchuk

TREE	
BOTANICAL NAME	COMMON NAME
Eucalyptus crebra	Narrow-leaved Ironbark
Eucalyptus eugeniioides	Thin Leaf Stringybark
Eucalyptus fibrosa	Broadleaf Ironbark
Eucalyptus globoidea	White Stringybark
Eucalyptus haemastoma	Scribbly Gum
Eucalyptus longifolia	Woollybutt
Eucalyptus luehmanniana	Yellow Top Ash
Eucalyptus multicaulis	Whip Stick Mallee
Eucalyptus oblonga	Sandstone Stringybark
Eucalyptus obstans	Port Jackson Mallee
Eucalyptus paniculata	Grey Ironbark
Eucalyptus pilularis	Blackbutt
Eucalyptus piperita	Sydney Peppermint
Eucalyptus punctata	Grey Gum
Eucalyptus racemosa	Narrow Leaf Scribbly Gum
Eucalyptus resinifera	Red Mahogany
Eucalyptus robusta	Swamp Mahogany
Eucalyptus saligna	Sydney Blue Gum
Eucalyptus sieberi	Silver top Ash
Eucalyptus squamosa	Scaly Bark
Eucalyptus tereticornis	Forest Red Gum
Euroschinus falcata	Ribbonwood
Ficus coronata	Sandpaper Fig
Ficus rubiginosa	Rusty Fig
Ficus superba var. henneana	Deciduous Fig
Glochidion ferdinandi	Cheese Tree
Gmelina leichhardtii	White Beech
Guioa semiglauca	Guioa
Hymenosporum flavum	Native Frangipani
Leptospermum laevigatum	Coastal Tea Tree
Livistona australis	Cabbage Palm
Macadamia tetraphylla	Macadamia Nut
Melaleuca bracteata + cultivars	Melaleuca
Melaleuca decora	White Feather Honey myrtle
Melaleuca linariifolia	Snow in Summer
Melaleuca quinquenervia	Broad Leaf Paperbark
Melaleuca styphelioides	Prickly Tea Tree
Myrsine howittiana	Brush Muttonwood
Planchonella australis	Black Plum

TREE	
BOTANICAL NAME	COMMON NAME
Polyscias elegans	Celerywood
Sarcomelicope simplicifolia	Yellow Wood
Schizomeria ovata	Crab Apple
Streblus brunonianus	Whalebone Tree
Syncarpia glomulifera	Turpentine
Syzygium australe	Brush Cherry
Syzygium oleosum	Blue Lilly Pilli
Syzygium paniculatum	Magenta Lilly Pilli
Toona ciliata	Red Cedar
Tristaniopsis laurina	Water Gum

SHRUBS	
BOTANICAL NAME	COMMON NAME
Acacia elongata	Swamp Wattle
Acacia falcata	Sickle Wattle
Acacia floribunda	Sally Wattle
Acacia linifolia	Flax Leaf Wattle
Acacia longifolia	Sydney Golden Wattle
Allocasuarina distyla	Scrub Sheoak
Angophora hispida	Dwarf Apple
Aotus ericoides	Common Aotus
Backhousia myrtifolia	Grey Myrtle
Baeckea linifolia	Swamp Baeckea
Banksia ericifolia	Heath Leaf Banksia
Banksia marginata	Silver Banksia
Banksia oblongifolia	Banksia
Banksia robur	Swamp Banksia
Banksia spinulosa	Hairpin Banksia
Bauera rubiodes	Dog Rose
Bertya brownii	Bertya
Bertya pomaderroides	Hazel Bertya
Breynia oblongifolia	Breynia
Bursaria spinosa	Blackthorn
Callistemon (Candy Pink)	Bottlebrush
Callistemon (Captain Cook)	
Callistemon (Endeavour)	
Callistemon (Eureka)	
Callistemon (Hannah Ray)	Hannah Ray Bottlebrush

PROPOSED PLANT LIST

Plant list sourced from Sutherland Shire Council Native Plant Selection

SHRUBS	
BOTANICAL NAME	COMMON NAME
Callistemon citrinus	Crimson Bottlebrush
Callistemon citrinus	White Anzac
Callitris muelleri	Mueller's Cypress
Callitris rhomboidea	Port Jackson Pine
Calytrix tetragona	Fringe Myrtle
Cassinia aureonitens	Golden Cassinia
Cassinia uncata	Bent Cassinia
Ceratopetalum gummiferum	NSW Christmas Bush
Clerodendrum tomentosum	Hairy Clerodendrum
Daviesia corymbosa	Bitter Pea
Daviesia mimosoides	Bitter Pea
Dillwynia retorta	Eggs and Bacon
Dodonaea triquetra	Hop Bush
Duboisia myoporoides	Duboisia
Eriostemon australasius	Pink Wax Flower
Eupomatia laurina	Native Guava
Gompholobium grandiflorum	Wedge Pea
Gompholobium latifolium	Broad Leaf Wedge Pea
Grevillea (Clear View David)	
Grevillea (Ivanhoe)	
Grevillea (Moonlight)	
Grevillea (Ned Kelly)	
Grevillea (Poorinda Constance)	
Grevillea (Robyn Gordon)	
Grevillea mucronulata	Green Grevillea
Hakea dactyloides	Broad Leaf Hakea
Hakea gibbosa	Needlebush
Hakea propinqua	Needlebush
Hemigenia purpurea	Common Hemigenia
Hibbertia riparia	Erect Guinea Flower
Homalanthus populifolius	Bleeding Heart
Indigophora australis	Native Indigo
Jacksonia scoparia	Dogwood
Kunzea ambigua	Tick Bush
Kunzea capitata	Pink Kunzea
Lambertia formosa	Mountain Devil
Leionema dentatum	Phebalium
Leptospermum continentale	Prickly Tea Tree

SHRUBS	
BOTANICAL NAME	COMMON NAME
Leptospermum grandifolium	Woolly Tea Tree
Leptospermum juniperinum	Tea Tree
Leptospermum polygalifolium	Lemon Scented Tea Tree
Leucopogon lanceolatus	Lance Leaf Beard Heath
Leucopogon parviflorus	Coastal Bearded Heath
Logania albiflora	Logania
Lomatia myricoides	River Lomatia
Maclura cochinchinensis	Cockspur Thorn
Melaleuca armillaris	Gaint Honeymyrtle
Melaleuca deanei	Deane's Honeymyrtle
Melaleuca nodosa	Ball Honeymyrtle
Myoporum acuminatum	Mangrove Boobialla
Myrsine variabilis	Mutton Wood
Notelaea longifolia	Mock Olive
Olearia microphylla	Small Leaf Daisy Bush
Olearia tomentosa	Hairy Olearia
Ozothamnus diosmifolius	Everlasting Paper Daisy
Persoonia pinifolia	Pine Leaf Geebung
Petrophile pulchella	Cone Stick
Petrophile sessilis	Cone Stick
Phebalium squamulosum	Phebalium
Philotheca myoporoides	Long Leaf Wax Flower
Pittosporum revolutum	Hairy Pittosporum
Platylobium formosum	Handsome Flat Pea
Polyscias sambucifolia	Elderberry Panax
Pomaderris andromedifolia	Pomaderris
Prostanthera incana	Velvet Leaf Mint Bush
Prostanthera linearis	Narrow Leaf Mint Bush
Pultenaea blakelyi	Blakely's Bush Pea
Pultenaea daphnoides	Large Leaf Bush Pea
Rhodamnia rubescens	Scrub Turpentine
Ricinocarpos pinifolius	Wedding Bush
Rulingia dasyphylla	Kerrawang
Stenocarpus salignus	Scrub Beefwood
Synoum glandulosum	Bastard Rosewood
Tasmannia insipida	Pepper Bush
Telopea speciosissima	NSW Waratah
Trema tomentosa	Native Peach

NATIVE PLANT SPECIES	
BOTANICAL NAME	COMMON NAME
Tristania neriifolia	Water Gum
Tristaniopsis collina	Mountain Water Gum
Viminaria juncea	Native Broom
Westringia (Blue Heaven)	
Westringia fruticosa	Coast Rosemary
Westringia glabra	
Xylomelum pyriforme	Woody Pear
Zieria smithii	Sandfly Zieria
Acacia browniei	Prickly Moses
Acacia hispidula	Rough Hairy Wattle
Acacia ulicifolia	Prickly Moses
Actinotus helianthi	Flannel Flower
Actinotus minor	Lesser Flannel Flower
Allocasuarina diminuta ssp. diminuta	Sheoak
Allocasuarina nana	Dwarf Sheoak
Austromyrtis dulcis	Midyin Berry
Austromyrtus tenuifolia	Narrow Leaf Myrtle
Baeckea imbricata	Heath Myrtle
Baeckea virgata (Nana)	Dwarf Swamp Myrtle
Bauera microphylla	White River Rose
Boronia floribunda	Pale Pink Boronia
Boronia ledifolia	Sydney Boronia
Boronia serrulata	Native Rose
Bossiaea ensata	Small leafless Bossiaea
Bossiaea heterophylla	Variable Bossiaea
Bossiaea scolopendria	Egg and Bacon
Bossiaea stephensoni	Bossiaea
Brachycome multifida	Swan River Daisy
Callistemon citrinus	Crimson Bottlebrush
Callistemon citrinus	White Anzac
Callistemon subulatus	Dwarf Bottlebrush
Chloanthes stoechadis	Common Stoechadis
Comesperma ericinum	Pink Matchheads
Correa alba	Coast Correa
Correa baeuerlenii	Chefs Cap Correa
Correa decumbens	Correa
Correa reflexa	Native Fuchsia
Crowea exalata	Crowea

NATIVE PLANT SPECIES	
BOTANICAL NAME	COMMON NAME
Dampiera purpurea	Dampiera
Dampiera stricta	Blue Dampiera
Darwinia diminuta	Darwinia
Daviesia ulicifolia	Gorse Bitter-pea
Dillwynia floribunda	Eggs and Bacon
Dillwynia parvifolia	Small Leaf Dillwynia
Einadia hastata	Saloop
Epacris longiflora	Fuchsia Heath
Hibbertia bracteata	Guinea Flower
Hibbertia linearis	Showy Guinea Flower
Hibbertia nitida	Shining Guinea Flower
Hibbertia obtusifolia	Grey Guinea Flower
Hovea linearis	Hovea
Hypericum gramineum	Small St.John's Wort
Isopogon anemonifolius	Drumsticks
Lasiopetalum ferrugineum	Rusty Petals
Leptospermum arachnoides	Spidery Tea Tree
Leptospermum polygalifolia	Pacific Beauty
Lobelia dentata	Native Lobelia
Lomatia silaifolia	Wild Parsley
Mirbelia rubifolia	Mirbelia
Persicaria lapathifolia	Pale Knot Weed
Phyllanthus hirtellus	Thyme Spurge
Platysace ericoides	Healthy Platysace
Platysace linearifolia	Carrot Tops
Pomax umbellata	Pomax
Pseudanthus pimeleoides	Pseudanthus
Pultenaea tuberculata	Bush Pea
Rhagodia candolleana	Seaberry Saltbush
Senecio hispidulus	Rough Groundsel
Senecio lautus	Coastal Groundsel
Tetratheca neglecta	Black Eyed Susan
Wahlenbergia communis	Blue Bells
Xanthosia pilosa	Hairy Xanthosia
Xanthosia tridentata	Rock Xanthosia
Zieria laevigata	Smooth Zieria
Zieria pilosa	Hairy Zieria

PROPOSED PLANT LIST

Plant list sourced from Sutherland Shire Council Native Plant Selection

PLANT IMAGES



EUCALYPTUS CREBRA



MAGNOLIA "COOLWYN GLOSS"



ELAEOCARPUS RETICULATUS



CUPANIOPSIS ANACARDIODES



EUCALYPTUS AMPLIFOLIA



WATERHOUSEA FLORIBUNDA



GLOCHIDION FERDINANDI



MELALEUCA LINARIIFOLIA



SYNCARPIA GLOMULIFERA



MELALEUCA STYPHELIOIDES



TRISTANIOPSIS LAURINA



BANKSIA SERRATA



CALLISTEMON SP

GRASS & GROUNDCOVER	
BOTANICAL NAME	COMMON NAME
Alternanthera denticulata	Lesser Joyweed
Astroloma humifusum	Craneberry Heath
Atriplex australasica	Saltbush
Banksia integrifolia (Prostrate)	Groundcover Banksia
Billardiera scandens	Appleberry
Brunoniella australis	Blue Trumpet
Carpobrotus glaucescens	Native Pig Face
Centella asiatica	Swamp Pennywort
Cissus antarctica	Kangaroo Grape
Darwinia grandiflora	Darwinia
Dichondra repens	Kidney Weed
Einadia nutans	Native Seaberry
Geranium homeanum	Northern Cranesbill
Grevillea (Gaudichaudii)	
Grevillea (Royal Mantle)	
Hardenbergia violacea	False Sarsaparilla
Hibbertia scandens	Snake Vine
Ipomoea brasiliensis	Goatsfoot Convolvulus
Kennedia prostrata	Running Postman
Podocarpus spinulosus	Plum Pine
Polymeria calycina	Swamp Bind Weed
Rubus hillii	Broad Leaf Bramble
Rubus parvifolius	Native Raspberry
Samolus repens	Creeping Brookweed
Sarcocornia quinqueflora	Samphire
Scaevola aemula	Fan Flower
Scaevola albida	White Fan Flower
Scaevola calendulacea	Dune Fan Flower
Tetragonia tetragonoides	Warrigal Cabbage
Viola hederacea	Native Violet
Zoysia macrantha	Prickly Couch
Anisopogon avenaceus	Oat Spear Grass
Aristida vagans	Three Awned Spear Grass
Baumea articulata	Jointed Twig Rush
Baumea juncea	Twig Rushes
Baumea rubiginosa	Soft Twig Rush
Carex appressa	Tall Sedge
Crinum pedunculatum	Crinum Lily

FORESHORE PLANTING LIST

Plant list sourced from Sutherland Shire Council Native Plant Selection

LOWER RIPARIAN	
BOTANICAL NAME	COMMON NAME
TREES	
Acacia longifolia var sophorae	
Allocasuarina littoralis	Black Sheoak
Casuarina glauca	Swamp Sheoak
Eucalyptus botryoides	Bangalay
Eucalyptus robusta	Swamp Mahogany
SHRUBS	
Melaleuca nodosa	Ball Honeymyrtle
Persicaria lapathifolia	Pale Knot Weed
Viminaria juncea	Native Broom
UNDERSTOREY	
Carex appressa	Tall Sedge
Cissus hypoglauca	Water Vine
Crinum pedunculatum	Crinum Lily
Cymbopogon refractus	Barbed Wire Grass
Dianella caerulea	Blue Flax Lily
Dichondra repens	Kidney Weed
Imperata cylindrica var. Major	Blady Grass
Hibbertia scandens	Snake Vine
Isolepis inundata	
Juncus krausii	Sea Rush
Juncus planifolius	Broad Rush
Juncus usitatus	Common Rush
Kennedia rubicunda	Dusky Coral Pea
Lomandra longifolia	Spiny Mat Rush
Oplismenus imbecillis	
Sporobolus virginicus	Salt Water Couch
Tetragonia tetragonoides	Warrigal Cabbage

UPPER RIPARIAN	
BOTANICAL NAME	COMMON NAME
TREES	
Acmena smithii	Lillypilly
Banksia integrifolia	Coast Banksia
Eucalyptus botryoides	Bangalay
Eucalyptus robusta	Swamp Mahogany
Glochidion ferdinandi	Cheese Tree
Acacia parramattensis	Sydney Green Wattle
SHRUBS	
Acacia terminalis subsp angustifolia	
Banksia oblongifolia	Banksia
Banksia spinulosa	Hairpin Banksia
Callistemon citrinus	Crimson Bottlebrush
Kunzea ambigua	Tick Bush
Leptospermum polygalifolium	Lemon Scented Tea Tree
Westringia fruticosa	Coast Rosemary
UNDERSTOREY	
Carpobrotus glaucescens	Native Pig Face
Cissus hypoglauca	Water Vine
Cymbopogon refractus	Barbed Wire Grass
Dianella caerulea	Blue Flax Lily
Dichelachne crinita	Long Hair Plume Grass
Dichondra repens	Kidney Weed
Hardenbergia violacea	False Sarsaparilla
Hibbertia scandens	Snake Vine
Juncus usitatis	
Kennedia rubicunda	Dusky Coral Pea
Lomandra longifolia	Spiny Mat Rush
Pratia purpurascens	White Root
Scaevola calendulacea	Dune Fan Flower

SWALE PLANTING	
BOTANICAL NAME	COMMON NAME
Baumea articulata	Jointed Twig Rush
Carex appressa	Tall Sedge
Dianella caerulea	Blue Flax Lily
Gahnia clarkei	Sword Sedge
Gahnia sieberiana	Sword Sedge
Juncus usitatus	Common Rush
Lomandra longifolia	Spiny Mat Rush
Philydrum lanuginosum	Woolly Frogmouth
Paspalum distichum	Water Couch

RAIN GARDEN	
BOTANICAL NAME	COMMON NAME
Baumea articulata	Jointed Twig Rush
Carex appressa	Tall Sedge
Dianella caerulea	Blue Flax Lily
Gahnia sieberiana	Sword Sedge
Juncus krausii	Sea Rush
Lomandra longifolia	Spiny Mat Rush
Philydrum lanuginosum	Woolly Frogmouth