

LANDSCAPE GUIDELINES

APPENDIX A

Urban Design Guidelines:
Appendix A - Landscape Guidelines

Prepared for Banyule City Council by Hansen Partnership

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OBJECTIVES

RETAIN

- *To minimise the loss of existing tree canopy within the rail corridor.*
- *To preserve existing significant vegetation within the rail corridor.*

REGENERATE

- *To enhance the corridor as an environmental habitat and biodiversity corridor.*

REVEGETATE

- *To integrate the station, associated rail infrastructure public real works into the landscape character of Rosanna Woodlands.*
- *To provide a vegetated periphery to the new station precinct.*
- *Provide for appropriate vegetation replacement.*

PRIORITIES

- Protect existing significant trees within Rosanna Parklands and De Winton Park and as scheduled in the Rosanna Planning scheme.
- Undertake arborist impact assess and implement town planning recommendations.
- Provide continuous tree canopy links into established landscape areas to support biodiversity.
- Provide a landscape setting contiguous with the natural bushland vision of Ellis Stones' design within the Rosanna Parklands, using natural rockwork, indigenous planting and water.
- Allow for connections between public open space and the railway, in particular the interface with Rosanna Parklands.
- Ensure drought tolerant, low maintenance and native/indigenous species are used in the design of any public open space or landscape buffer.
- Integrate WSUD opportunities and raingardens into the design.
- Incorporate mid-storey species along the interface of Rosanna Parklands to preserve habitat, manage weed establishment and provide screening (where it doesn't limit visual access).
- Undertake an Ecological and Environmental Management Plan (including a weed management plan) that incorporates an appropriate establishment period for all planting.
- Irrigate planting within the station surrounds and consider using recycled/stored water.

BENCHMARKS

- Planting palettes to draw from indigenous vegetation communities, including: E.V.C 55, 68 and 175.
- Replacement of trees to be at a 1:5 ratio.
- Implement tree protection zones to the canopy dripline of the protected trees and mulch the surface below to 100mm depth.
- Deciduous species to only be incorporated within the immediate station precinct and assist with the creation of entries and shade opportunities.
- Planting design should generally be a 'mixed' species to reflect the 'bushland' setting.
    - To provide a full detailed planting plan and schedule for the Rosanna Parkland Interface, including Ellsemere Parade and Lower Plenty Road entrances.
- Install plantings and gardens using 'best practice' horticultural methods and care.

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PLANTING PALETTES

PARKLAND AND OPEN SPACE TREES

st botanical name	common name	average height x width (m)
Acacia implexa	Lightwood	8 x 7
Acacia mearnsii	Black Wattle	10-20 x 6-10
Acacia melanoxylon	Blackwood	12-18 x 6-12
Allocasuarina verticillata	Drooping Sheoke	9 x 5
Corymbia ficifolia	Red Flowering Gum	10-15 x 5
Corymbia maculata	Spotted Gum	20-30 x 10
Eucalyptus camaldulensis var.camaldulensis	River Red Gum	20-25 x 15-20
Eucalyptus melliodora	Yellow Box	10-15 x 8-10
Eucalyptus ovata var. ovata	Swamp Gum	8-20 x 8-15
Eucalyptus rubida	Candlebark	10-30 x 10-15
Eucalyptus sideroxylon	Red Ironbark	20-15 x 5

CONSERVATION ZONES AND SCREENING AREAS

botanical name	common name	average height x width (m)
SHRUBS		
Acacia paradoxa	Hedge Wattle	2.0-3.0 x 3.0-4.0
Alyogyne huegelii	Native Hibiscus	2.0-4.0 x 2.0-4.0
Bursaria spinosa ssp. spinosa	Sweet Bursaria	3.0-4.0 x 2.0-3.0
Dodonaea viscosa subsp. cuneata	Wedge-leaf Hop-bush	3.0 x 2.0
Indigofera australis	Austral indigo	2.5 x 2.5
Melicytus dentatus	Tree Violet	2.0-4.0 x 1.0-2.0
GROUNDCOVERS, TUFTING AND GRASSES		
Acaena nova- zelandiae	Bidgee- widgee	0.3 x prostrate
Atriplex semibaccata	Creeping Saltbush	0.3 x 1.5
Bossiaea prostrata	Creeping Bossiaea	prostrate x 1.0
Chrysocephalum spp.	Chrysocephalum	
Dianella revoluta	Black-anther Flax-lily	0.6 x 0.6
Lomandra spp.	Wattle Mat-rush	0.5 x 0.5
Poa spp.	Poa	
Poa labillardieri	Common Tussock Grass	0.8 x 0.8
Poa sieberiana var. sieberiana	Grey Tussock Grass	0.4 x 0.4
Themeda triandra	Kangaroo Grass	0.5 x 0.5
Viola hederacea	Ivy-leaf Violet	0.2 x 1.0-2.0
CLIMBERS		
Clematis microphylla	Small-leaved Clematis	climber x 5.0
Hardenbergia violacea	Happy Wanderer	2.0-4.0 x 1.0-2.0

EMBANKMENTS AND SOIL BINDING PLANTS

botanical name	common name	average height x width (m)
SHRUBS		
Callistemon spp.	Callistemon	
Correa spp.	Correa	
Westringia spp.	Westringia	
GROUNDCOVERS, TUFTING AND GRASSES		
Acaena nova- zelandiae	Bidgee- widgee	0.3 x prostrate
Atriplex semibaccata	Creeping Saltbush	0.3 x 1.5
Bossiaea prostrata	Creeping Bossiaea	prostrate x 1.0
Chrysocephalum spp.	Chrysocephalum	
Dianella revoluta	Black-anther Flax-lily	0.6 x 0.6
Lomandra spp.	Wattle Mat-rush	0.5 x 0.5
Poa spp.	Poa	
Poa labillardieri	Common Tussock Grass	0.8 x 0.8
Poa sieberiana var. sieberiana	Grey Tussock Grass	0.4 x 0.4
Themeda triandra	Kangaroo Grass	0.5 x 0.5

WATER SENSITIVE URBAN DESIGN AREAS

botanical name	common name	average height x width (m)
SHRUBS		
Goodenia ovata	Hop Goodenia	1.5 x 1.5
GROUNDCOVERS, TUFTING AND GRASSES		
Acaena nova- zelandiae	Bidgee- widgee	0.3 x prostrate
Bolboschoenus medianus	Marsh Club-sedge	0.5 x 0.5
Eleocharis acuta	Common Spike-sedge	0.3-0.9
Isolepis cernua	Nodding Club-sedge	0.3 x 0.3
Juncus spp.	Juncus	
Poa labillardieri	Common Tussock Grass	0.8 x 0.8
Senecio minimus	Shrubby Fireweed	0.5 x 1.5

PUBLIC URBAN AREAS

botanical name	common name	average height x width (m)
TREES		
Acacia implexa	Lightwood	10.0 x 5.0
Allocasuarina verticillata	Drooping Sheoke	9.0 x 5.0
Corymbia citriodora 'Scentuous'	Dwarf Lemon Scented Gum	15.0 x 8.0
Eucalyptus mannifera	Brittle Gum	15.0 x 8.0-10.0
Eucalyptus sideroxylon 'Rosea'	Red Flowering Ironbark	15.0 x 6.0-10.0
Eucalyptus torquata	Coral Gum	6.0 X 3.0
Jacaranda mimosifolia	Jacaranda	10.0 x 8.0
Hymenosporum flavum	Native Frangipani	10.0 x 5.0-6.0
Melia azedarach 'Elite'	White Cedar	6.0-12.0 x 5.0-8.0
Pistacia chinensis	Chinese Pistache	8.0 x 6.0
Pyrus spp.	Pyrus	
Tristaniopsis laurina 'Luscious'	Water Gum	8.0 x 4.0
GROUNDCOVERS, TUFTING AND GRASSES		
brachyscome multifida	Cut-Leafed Daisy	0.45 x 0.45
Correa spp.	Correa	
Dianella spp.	Dianella	
Dichondra repens	Kidney Weed	0.3 x 1.0
Lomandra spp.	Lomandra	
Viola hederacea	Native Violet	0.3 x 1.0-2.0

PLANTING PALETTES



Red Flowering Ironbark *(Eucalyptus sideroxylon 'Rosea')*



Lightwood *(Acacia implexa)*



Drooping Sheoke *(Allocasuarina verticillata)*



River Red Gum *(Eucalyptus camaldulensis)*



Jacaranda *(Jacaranda mimosifolia)*



Brittle Gum *(Eucalyptus mannifera)*



White Cedar *(Melia azedarach 'Elite')*



Chinese Pistachio (*Pistacia chinensis)*



Black-anther Flax-lily *(Dianella admixta)*



Common Tussock-grass *(Poa labillardieri)*



Common Correa *(Correa reflexa)*

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PRECEDENTS


Happy Wanderer (*Hardenbergia violacea)*


Native Hibiscus *(Alyogyne huegelii)*


Chrysocephalum spp.


Kidney Weed *(Dichondra repens)*


Kangaroo Grass *(Themeda triandra)*


Cut-Leafed Daisy *(Brachyscome multifida)*

LANDSCAPE CHARACTER









REFERENCES

- Banyule City Council, 2016, *Vegetation Community Map*
- Banyule City Council, 'Weeds of Banyule'
- Banyule City Council, 2001, 'Indigenous plants for your garden'
- Banyule City Council, 2014, 'Your sustainable garden'
- Banyule City Council, 2011, 'Banyule's Tree Planting Zone Guidelines'
- Banyule City Council, 2012, 'Neighbourhood Chracter Strategy'
- Banyule City Council, 'Vegetation communities of Banyule'
- Banyule City Council City Plan, 2013, 'Protect and enhance our natural environment'
- Beardsell, C ,2000, Vegetation Communities of the City of Banyule

EVC 55: PLAINS AND GRASSY WOODLANDS

SUB-COMMUNITY: PGWOtv RIVER RED GUM (TERRACE / VALLEY)

Vegetation Communities of Banyule, Based on Cam Beardsell, 2011

Full Species List

Species	Common name	Species Notes (inc. Australian/Victorian threatened status)	Banyule Status
Trees			
Eucalyptus blakelyi	Blakely's Red Gum		1m
Eucalyptus camaldulensis var. camaldulensis	River Red Gum		1
Eucalyptus goniocalyx	Long-leaf Box		1
Eucalyptus melliodora	Yellow Box		1
Eucalyptus ovata var. ovata	Swamp Gum		1
Eucalyptus rubida	Candlebark		1m
Eucalyptus X studleyensis	Studley Park Gum	Endangered in Victoria (DEPI)	1m
Mistletoes			
Amyema miquelii	Box Mistletoe		1
Amyema pendula ssp. pendula	Drooping Mistletoe		1
Muellerina eucalyptoides	Creeping Mistletoe		1
Tall Shrubs			
Acacia implexa	Lightwood		1
Acacia mearnsii	Black Wattle		1
Acacia melanoxylon	Blackwood		1
Acacia paradoxa	Hedge Wattle		1
Acacia pycnantha	Golden Wattle		1
Allocasuarina littoralis	Black Sheoke		2 (3 4)
Allocasuarina verticillata	Drooping Sheoke		1m
Bursaria spinosa ssp. spinosa	Sweet Bursaria		1
Cassinia longifolia	Dogwood		1
Exocarpos cupressiformis	Cherry Ballart		1
Kunzea leptospermoides	Yarra Burgan	Formerly *K. ericoides*; Poorly Known in Victoria (DEPI)	1
Melicytus dentatus	Tree Violet		1
Low Shrubs			
Acacia acinacea	Gold-dust Wattle		1
Cassinia aculeata	Common Cassinia		1
Cassinia arcuata	Drooping Cassinia		1
Chrysocephalum apiculatum	Common Everlasting		1m
Chrysocephalum semipapposum (Plains form)	Clustered Everlasting (Plains form)		1m
Daviesia leptophylla	Narrow-leaf Bitter-pea		1
Dillwynia cinerascens	Grey Parrot-pea		1

Species	Common name	Species Notes (inc. Australian/Victorian threatened status)	Banyule Status
Climbers			
Cassytha glabella forma dispar	Slender Dodder-laurel		1
Cassytha pubescens	Downy Dodder-laurel		4
Clematis microphylla / C. decipiens	Slender Clematis	Formerly C. microphylla, recently split	1
Convolvulus angustissimus ssp. angustissimus	Pink Bindweed		1
Glycine clandestina	Twining Glycine		1
Hardenbergia violacea	Purple Coral-pea		1
Herbs & Groundcovers			
Acaena echinata	Sheep's Burr		1
Acaena novae-zelandiae	Bidgee-widgee		1
Acaena ovina	Australian Sheep's Burr	Formerly recorded as *A. agnipila*, but this species has been recombined into *A. ovina*	1
Acaena ovina	Hairy Sheep's Burr		1
Acrotriche serrulata	Honey-pots		1
Ajuga australis	Austral Bugle		4
Asperula conferta	Common Woodruff		1
Astroloma humifusum	Cranberry Heath		1
Bossiaea prostrata	Creeping Bossiaea		1
Brunonia australis	Blue Pincushion		1
Centrolepis strigosa ssp. strigosa	Hairy Centrolepis		1
Cotula australis	Common Cotula		1
Crassula sieberiana	Austral Stonecrop		1
Cynoglossum suaveolens	Sweet Hound's-tongue		1m
Desmodium varians	Slender Tick-trefoil	Poorly Known in Victoria (DEPI)	2 (4)
Dichondra repens	Kidney-weed		1
Drosera aberrans	Scented Sundew	Formerly *Drosera whittakeri*	1
Drosera auriculata	Tall Sundew	Formerly *Drosera peltata ssp. auriculata*	1
Drosera peltata	Pale Sundew		1
Einadia nutans ssp. Nutans	Nodding Saltbush		1
Einadia trigonos ssp. trigonos	Lax Goosefoot		1m
Euchiton japonicius	Creeping Cudweed	Formerly *Euchiton gymnocephalus*, *E. collinus*	1

Species	Common name	Species Notes (inc. Australian/Victorian threatened status)	Banyule Status
Geranium ciliocarpum/G. solanderi var. solanderi/G. sp. 27	Austral Crane's-bill	Formerly *G. solanderi*, recently split into multiple species of uncertain distribution; G. solanderi var. solanderi is Vulnerable in Victoria (DEPI)	1m
Geranium gardneri	Rough Crane's-bill	Formerly *G. trachycaule*	1
Geranium inundatum	Naked Crane's-bill		1
Glycine microphylla	Small-leaf Glycine		1
Gonocarpus tetragynus	Common Raspwort		1
Haloragis heterophylla	Varied Raspwort		1m
Hydrocotyle laxiflora	Stinking Pennywort		1
Hypericum gramineum	Small St John's Wort		1
Leptorhynchos squamatus ssp. Squamatus	Scaly Buttons		1m
Leptorhynchos tenuifolius	Wiry Buttons		1
Luzula meridionalis var. meridionalis / var. densiflora / var. flaccida	Common Woodrush	Formerly *L. meridionalis*, recently split	1
Lythrum hyssopifolia	Small Loosestrife		1
Opercularia ovata	Broad-leaf Stinkweed		1
Opercularia varia	Variable Stinkweed		1
Oxalis perennans	Grassland Wood-sorrel		1
Pimelea curviflora var. 1	Curved Rice-flower		1
Pimelea humilis	Common Rice-flower		1
Plantago varia	Variable Plantain		1
Poranthera microphylla	Small Poranthera		1
Portulaca oleracea	Common Purslane		1
Ranunculus lappaceus	Australian Buttercup		1m
Rumex brownii	Slender Dock		1
Sebaea ovata	Yellow Sebaea		4
Senecio campylocarpus	Floodplain Fireweed		3 (4)
Senecio glomeratus	Annual Fireweed		1
Senecio hispidulus	Rough Fireweed		1
Senecio quadridentatus	Cotton Fireweed		1
Senecio tenuiflorus	Narrow Groundsel	Not listed in Flora of Melbourne 2014, present in Cam Beardsell 2011	1
Solenogyne dominii	Smooth Solenogyne		1
Solenogyne gunnii	Hairy Solenogyne		4
Stackhousia monogyna	Creamy Candles		1m
Stylidium graminifolium	Grass Trigger-plant		1m
Velleia paradoxa	Spur Velleia		1m
Veronica gracilis	Slender Speedwell		1
Viola hederacea	Ivy-leaf Violet		1

Species	Common name	Species Notes (inc. Australian/Victorian threatened status)	Banyule Status
Wahlenbergia communis	Tufted Bluebell		1m
Wahlenbergia gracilis	Sprawling Bluebell		1
Wahlenbergia luteola	Yellowish Bluebell		1m
Wahlenbergia multicaulis	Many-stemmed Bluebell		1m
Grasses			
Anthosacne scabra	Common Wheat-grass	Formerly *Elymus scaber*	1
Austrostipa blackii	Crested Spear-grass		4
Austrostipa curticoma	Short-crown Spear-grass		1m
Austrostipa rudis ssp. rudis	Veined Spear-grass		1
Deyeuxia quadriseta	Reed Bent-grass		1
Dichelachne crinita	Long-hair Plume-grass		1
Eragrostis brownii	Common Love-grass		1
Hemarthria uncinata var. unicinata	Mat Grass		1m
Lachnagrostis aemula	Purplish Blown-grass	Formerly *Agrostis aemula var. aemula*	1
Lachnagrostis filiformis	Common Blown-grass	Formerly *Agrostis avenacea*	1
Microlaena stipoides var. stipoides	Weeping Grass		1
Pentapogon quadrifidus var. quadrifidus	Five-awned Spear-grass		1
Poa labillardieri var. labillardieri	Common Tussock-grass		1
Poa morrisii	Soft Tussock-grass		1
Poa rodwayi	Velvet Tussock-grass		1m
Poa sieberiana var. hirtella	Hairy Tussock-grass		1m
Poa sieberiana var. sieberiana	Grey Tussock-grass		1
Rytidosperma caespitosum	Common Wallaby-grass	Formerly *Austrodanthonia caespitosa*	1
Rytidosperma geniculatum	Kneed Wallaby-grass	Formerly *Austrodanthonia geniculata*	1
Rytidosperma indutum	Shiny Wallaby-grass	Formerly *Austrodanthonia induta*	1m
Rytidosperma laeve	Smooth Wallaby-grass	Formerly *Austrodanthonia laevis*	1
Rytidosperma penicillatum	Slender Wallaby-grass	Formerly *Austrodanthonia penicillata*	1
Rytidosperma pilosum var. pilosum	Velvet Wallaby-grass	Formerly *Austrodanthonia pilosa*	1
Rytidosperma racemosum	Stiped Wallaby-grass	Formerly *Austrodanthonia racemosa*	1
Rytidosperma setaceum var. setaceum	Bristly Wallaby-grass	Formerly *Austrodanthonia setacea*	1
Themeda triandra	Kangaroo Grass		1

Species	Common name	Species Notes (inc. Australian/Victorian threatened status)	Banyule Status
Lilies & Irises			
Arthropodium strictum	Chocolate Lily		1
Bulbine bulbosa	Bulbine Lily		1m
Burchardia umbellata	Milkmaids		1
Caesia calliantha	Blue Grass-lily		1m
Dianella admixta	Black-anther Flax-lily	Formerly *D. revoluta*, recently split	1
Dianella amoena	Matted Flax-lily	Endangered (EPBC); Threatened in Victoria (FFG); Endangered in Victoria (DEPI)	1m
Dianella laevis var. laevis	Pale Flax-lily	Formerly *D. longifolia var. longifolia*	1
Hypoxis glabella var. glabella	Tiny Star		1m
Lomandra filiformis ssp. filiformis / ssp. coriacea	Wattle Mat-rush	Formerly *L. filiformis*, recently split	1
Lomandra longifolia var. longifolia	Spiny-headed Mat-rush		1
Thysanotus patersonii	Twining Fringe-lily		1
Tricoryne elatior	Yellow Rush-lily		1
Wurmbea dioica ssp. dioica	Common Early Nancy		1
Sedges & Rushes			
Carex breviculmis	Short-stem Sedge		1
Carex incomitata	Hillside Sedge		4
Carex inversa	Common Sedge		1
Carex iynx	Tussock Sedge		1m
Juncus homalocaulis	Wiry Rush		1m
Juncus pallidus	Pale Rush		1
Juncus subsecundus	Finger Rush		1
Lepidosperma laterale	Variable Sword-sedge		1
Schoenus apogon	Common Bog-sedge		1
Orchids			
Caladenia carnea	Pink Fingers		1m
Diuris chryseopsis	Golden Moths		1m
Glossodia major	Wax-lip Orchid		1m
Microtis parviflora	Slender Onion-orchid		1
Microtis unifolia	Common Onion-orchid		1
Pterostylis melagramma	Tall Greenhood		1
Pterostylis nutans	Nodding Greenhood		1
Pterostylis pedunculata	Maroon-hood		1
Thelymitra brevifolia	Pepper-top Sun-orchid		1
Thelymitra pauciflora	Slender Sun-orchid		1
Thelymitra peniculata	Trim Sun-orchid		?