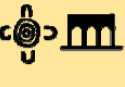











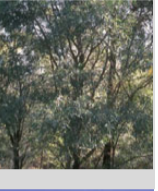



























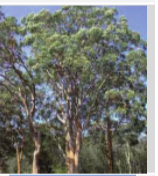





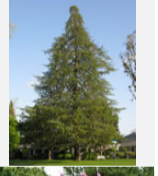




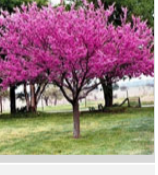





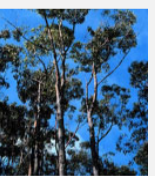















TREE SPECIES MATRIX
APPENDIX A

1.1. Streets Tree Species Matrix

Species	Common Name	 Context (I,E)	Tree Form	Tree Function						Notes	Image
				 WSUD	 Pollinator	 Shade	 Bushfire	 Resilient	 Koala Habitat		
<i>Acacia binervia</i>	Hickory		 H: 5-10m S: 2-3.5m							Branches Vase Shaped Decorative fruit/seeds / Screening / shade tree Vase-shaped Inconspicuous Moist soil Full sun Light willowy foliage.	
<i>Angophora subvelutina</i>	Broad Leaved Apple		 H: 15-20m S: 6-10m							Rough Flaky Bark. Grows in open forest in alluvial soil and gravelly clay	
<i>Callistemon Salignus 'Rubra'</i>	Red Willow Botlebrush		 H: 5-10m S: 3.5-6m							Small. Border / Low mainten. / Mass planting / Screening / General / Hedge / Specimen / Decorative bark Weeping Sun part shade / Sun Commonly found along creek banks and in damp soils. They display attractive whitish, papery bark. There are also plants with red flowers commonly cultivated.	
<i>Corymbia eximia</i>	Yellow Bloodwood		 H: 15-20m S: 3.5-6m							Smooth Bark. Street tree / Specimen Upright Shallow infertile, sandy soils Full sun	
<i>Hymenosporum flavum</i>	Native frangipani		 H: 5-10m S: 3.5-6m							Fragrant Oval Sun/part shade / sun / full sun / sun to shade Hardy plant, even growing satisfactorily in dry climates if supplementary water is available. It grows in most reasonably well-drained soils but those with a high organic content are preferred.	
<i>Allocasuarina littoralis</i>	Black She Oak		 H: 5-10m S: 2.0-3.5m							Fastigate Screening / Edible fruit/nut / Erosion control Inconspicuous Sandy, clay or rocky soils Full sun Finches, including Red-browed and Beautiful Firetail Finches, Rainbow Lorikeets and cockatoos feed on the seed.	
<i>Angophora floribunda</i>	Rough-barked Apple		 H: 10-15m S: 6-10m							Rough flaky bark Specimen / Shade tree Upright Long Lasting Prefers deep alluvial sandy soils Sun to part shade sun	
<i>Cedrus deodara</i>	Deodar Cedar		 H: 10-15m S: 10-15m							Specimen Pyramidal Brown Cones Sandy Loam Part Sun	
<i>Cercis canadensis</i>	Eastern Rosebud		 H: 5-10m S: 2.0-3.5m							Specimen Oval Attracts Birds Purple flowers Frost and drought tender Sandy Loam	
<i>Corymbia gummifera</i>	Red Bloodwood		 H: 15-20m S: 6-10m							Rough Flaky Bark Shade tree / Specimen Upright Does well in most soils Full sun / sun to part shade Attracts birds Sugar Gliders feed by biting through the bark for sap, Koalas feed on the leaves. Forms ideal nest hollows for parrots and possums and is a host tree for several	
<i>Corymbia maculata</i>	Spotted Gum		 H: over 30m S: 6-10m							Scaly Full Bark Shade Tree / Specimen Notable for its erect form and completely smooth bark Clay Soil No waterlogging Full Sun	
<i>Elaeocarpus reticulatus</i>	Blueberry Ash		 H: 5-10m S: 3.5-6m							Pendulous & Showy Screening / Shade Tree / Specimen Does not favour sands or water-logged areas Sun to part shade / shade to part sun / sun to part shade / sun / sun to shade / full sun	












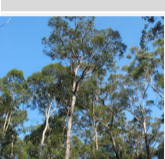















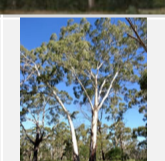





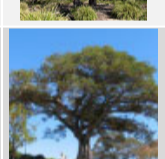





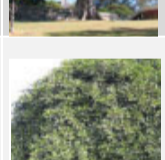



















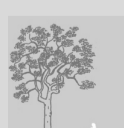



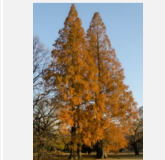
Species	Common Name	Context (I,E)	Tree Form	Tree Function						Notes	Image
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Eucalyptus agglomerata</i>	Blue-leaved Stringybark		 H: over 30m S: 6 - 10m							Rough Flaky Bark Shade tree Upright Inconspicuous Well-drained soil Full sun	
<i>Eucalyptus baueriana</i>	Blue Box		 H: 25 - 30m S: 3.5 - 6m							Rough Flaky Bark Shade garden specimen Upright Clay and alluvial soil Sun to part shade sun	
<i>Eucalyptus haemastoma</i>	Scribbly Gum		 H: 5 - 10m S: 6 - 10m							Smooth Bark Shade tree specimen / Decorative bark Upright Long Lasting Sandy soils Sun to part shade sun	
<i>Eucalyptus longifolia</i>	Woollybutt		 H: over 30m S: 6 - 10m							Smooth Bark Shade tree / Specimen Upright Inconspicuous Soils of medium fertility Sun	
<i>Eucalyptus notabilis</i>	Mountain Mahogany, Blue Mountain Mahogany		 H: 25 - 30m S: over 20m							Rough Flaky Bark Well-drained soil Full sun	
<i>Ficus macrophylla</i>	Moreton Bay Fig, Australian Banyan		 H: over 30m S: 3.5 - 6m							Broad Domed Specimen / Shade tree / Edible Fruit/Nut / Container Spreading Sun to part shade A beautiful shade tree which attracts birds and fruit-bats.	
<i>Ficus rubiginosa</i>	Port Jackson Fig, Rusty Fig		 H: 10 - 15m S: 10 - 15m							Broad Domed Edible fruit/nut / Shade tree / Specimen / Street tree Inconspicuous Sand or clay soil sun to shade Figs eaten by birds, bats and flying foxes	
<i>Liriodendron tulipifera</i>	Tulip Tree		 H: 25 - 30m S: 6 - 10m							Medium Leaves Ornamental Sun to Shade Well-drained, acid soil	
<i>Lophostemon confertus</i>	Brush Box		 H: 20 - 25m S: 6 - 10m							Miscellaneous Street Tree / Low Mainten. Rounded Long lasting Sandy loam Sun to shade sun / part shade sun Secondary food tree for Koalas, Birds are attracted to the nectar rich flowers	
<i>Melaleuca decora</i>	White Feather Honeymyrtle		 H: 10 - 15m S: 6 - 10m							Narrow Domed Decorative bark / Screening / Shade tree / Specimen Unusual clay soils Sun / sun to part shade Fibrous-papery bark	
<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree		 H: 5 - 10m S: 6 - 10m							Branches Vase-Shaped Screening / Shade tree Inconspicuous Moist soils Sun to part shade / Full sun	
<i>Melia azedarach</i>	White Cedar		 H: 5 - 10m S: 6 - 10m							Broad Domed Shade Tree Showy warm, well-drained situation shade to part sun sun/part shade	









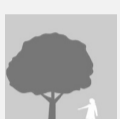

















Species	Common Name	Context (I,E)	Tree Form	Tree Function						Notes	Image
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Nyssa sylvatica</i>	Tupelo		 H: 10 - 15 m S: 10 - 15m							Pyramidal Horizontal branching Sandy Loam Part sun	
<i>Pice abies</i>	Norway Spruce		 H: 25 - 30 m S: 3.5 - 6m								
<i>Syncarpia glomulifera</i>	Turpentine		 H: over 30m S: 6 - 10m							Rough Flaky Bark Shade tree / Specimen Inconspicuous Moist and often heavier soils. Sun to part shade / shade to part sun fibrous to stringy, persistent bark	
<i>Syzygium francessii</i>	Giant Water Gum, rose satinash		 H: 10 - 15m S: 3.5 - 6m							Screening plant In nature it can reach 25 m in height however it is smaller in cultivation It enjoys rich soils and assured water	
<i>Syzygium leumahnii</i>	Small-leaf Lilly Pilly		 H: 15 - 20m S: 3.5 - 6m							Miscellaneous Hedge / Shade Tree / Specimen Showy Well-drained soil Full sun / Sun/part shade / Sun	
<i>Syzygium (Acmena) smithii</i>	Creek lilly pilly, narrow-leaved lilly pilly		 H: 10 - 15m S: 6 - 10m							Small & Fragrant Hedge Moist soil This plant will never be a suitable tree for droughty situations or on poor skeletal soils.	
<i>Syzygium paniculatum and cultivars</i>	Magenta Lillypilly		 H: 5 - 10m S: 6 - 10m							Branches Vase-Shaped & Showy Shade garden / Shade tree / Specimen / Screening / Decorative fruit/seeds / Edible fruit/nut / Container / Hedge Rounded Moist, well drained, humus-enriched soil Full sun shade to part sun / Sun to part shade	
<i>Quercus alba</i>	White Oak		 H: 15-20m S: 3.5-10m							Well-drained soil Slow growing Sun and partial shade Dark summer foliage	
<i>Quercus lobata</i>	California White Oak		 H: 12-20m S: 10-15m							Drought tolerant once established Foliage flowers Medium-sized green lobe leaves Sun	
<i>Zelkova serrata</i>	Japanese Zelkova		 H: 10 - 15m S: 6 - 10m							Delinquent & Inconspicuous Vase-shaped Street tree Clay loam Sun	

1.2. Parks and Open Space Tree Species Matrix

Species	Common Name	Context (I/E)	Tree Form	Tree Function						Notes	Image
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Brachychiton acerifolius</i>	Bottle Tree; Illawarra Flame Tree		 H: 25 - 30m S: 3.5 - 6m							Narrow Domed Showy Specimen / street tree / shade tree Deep soil, open sunny position (for best colour display) Slow growing when young, may take few years to flower Full sun	
<i>Brachychiton discolor</i>	Lacebark		 H: 25 - 30m S: -							Conical Specimen Edible Fruit/Nut /Specimen / Street Tree Sandy, loamy and acidic soils Full sun, sun, sun to part shade Non-invasive roots.	
<i>Calodendron capense</i>	Cape Chestnut		 H: 5 - 10m S: 6 - 10m							Broad-domed & Showy Specimen / Shade Tree / Street Tree / Screening / General Moist Well-drained soil Sun, Full sun Can reach 20 metres high in a forest. Benefits from a sheltered position from strong winds and frost.	
<i>Elaeocarpus reticulatus</i>	Blueberry Ash		 H: 5 - 10m S: 3.5 - 6m							Pendulous & Showy Screening / Shade Tree / Specimen Does not favour sands or water-logged areas Sun to part shade / shade to part sun / sun to part shade / sun / sun to shade / full sun	
<i>Podocarpus elatus</i>	Plum Pine, Brown Pine		 H: over 30m S: 3.5 - 6m							Small & Spreading Hedge Street Tree / Specimen / Shade Tree / Decorative Bark / Winter Interest Dioecious Prefers rich, moist, non-alkaline soils	
<i>Stenocarpus sinuatus</i>	Firewheel Tree		 H: 20 - 25m S: 10 - 15m							Spreading & Showy This summer-flowering tree provides nectar and shelter for honey eaters and lorikeets	
<i>Tristaniopsis laurina and cultivars</i>	Kanooka, Water Gum		 H: 5 - 10m S: 3.5 - 6m							Branches Vase Shaped & Showy Shade tree / Specimen Suitable for poorly drained soils Full sun / Sun to part shade	
<i>Waterhousia floribunda and cultivars</i>	Weeping Lilly Pilly		 H: 5 - 10m S: 3.5 - 6m							Broad Domed & Fragrant Screening / Shade tree / Specimen / Hedge Moist, well-drained soil Sun to part shade / Sun/part shade If they are pruned they can be kept to a height of 4-5m and with a spread of 2-3m and used as a screen.	
<i>Agathis robusta</i>	Queensland Kauri Pine, Smooth- barked Kauri		 H: over 30m S: 6 - 10m							Shade Tree / Street Tree Large canopy tree over 45 m , needs a humid climate and deep soils. Full sun / sun/part shade / Sun	
<i>Allocasuarina torulosa</i>	Black She Oak		 H: 5 - 10m S: 2.0 - 3.5m							Fastigiata Screening / Edible fruit/nut /Erosion control Inconspicuous Sandy, clay or rocky soils Full sun Finches, including Red-browed and Beautiful Firetail Finches, Rainbow Lorikeets and cockatoos feed on the	
<i>Callitris rhomboidea</i>	Port Jackson Cypress		 H: 5 - 10m S: 2.0 - 3.5m							Columnar & Inconspicuous Screening Light, well-drained sandy soil Sun to part shade / Sun Birds feed on the fruit and any birds, including Silveryeyes, finches and Red Wattlebirds, nest in the foliage.	
<i>Corymbia gummifera</i>	Red Bloodwood		 H: 15 - 20m S: 6 - 10m							Rough Flaky Bark Shade tree specimen Upright Does well in most soils Full sun / sun to part shade Attracts birds Sugar Gliders feed by biting through the bark for sap, Koalas feed on the leaves. Forms ideal nest hollows for parrots and possums and is a host tree for several butterflies	

Species	Common Name	Context (I/E)	Tree Form	Tree Function						Notes	Image
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Corymbia maculata</i>	Spotted Gum		 H: over 30m S: 6 - 10m							Shade Tree / Specimen Notable for its erect form and completely smooth bark Clay Soil No waterlogging Full Sun	
<i>Eucalyptus agglomerata</i>	Blue-leaved Stringybark		 H: over 30m S: 6 - 10m							Rough Flaky Bark Shade tree Upright Inconspicuous Well-drained soil Full sun	
<i>Eucalyptus amplifolia</i>	Cabbage Gum		 H: 25 - 30m S: 3.5 - 6m							Smooth Bark Inconspicuous Shade Tree Upright Deep, poorly draining clay loam soils along watercourses	
<i>Eucalyptus baueriana</i>	Blue Box		 H: 25 - 30m S: 3.5 - 6m							Rough Flaky Bark Shade garden specimen Upright Clay and alluvial soil Sun to part shade sun	
<i>Eucalyptus eugenoides</i>	Thin-leaved Stringybark		 H: 25 - 30m S: 6 - 10m							Rough Flaky Bark Inconspicuous Upright Shade tree / Specimen Deep soils of moderate fertility Full sun	
<i>Eucalyptus globoidea</i>	White Stringybark		 H: 25 - 30m S: 3.5 - 6m							Rough Flaky Bark Inconspicuous Upright Shade tree / Specimen Moist sandy or alluvial soils of moderate fertility Full sun	
<i>Eucalyptus haemastoma</i>	Scribbly Gum		 H: 5 - 10m S: 6 - 10m							Smooth Bark Shade tree specimen / Decorative bark Upright Long Lasting Sandy soils Sun White bark features scribbly patterns	
<i>Eucalyptus longifolia</i>	Woollybutt		 H: over 30m S: 6 - 10m							Scaly Full Bark Shade tree / Specimen Upright Inconspicuous Soils of medium fertility Sun	
<i>Eucalyptus melliodora</i>	Yellow Box, Honey Box		 H: 20 - 25m S: 10 - 15m							Broad Domed & Fragrant Spreading Shade tree / Specimen Grows best on soils that are acidic and well-drained. Will grow poorly if soils are alkaline, and these trees will struggle if waterlogged They display smooth, cream or grey on the upper parts of the tree. The bark is usually shed throughout.	
<i>Eucalyptus moluccana</i>	Grey Box		 H: 15 - 20m S: 6 - 10m							Rough Flaky Bark Shade tree / Specimen Clay or loamy soils of moderate to high fertility Full sun Bark grey with whitish patches on lower or full trunk	
<i>Eucalyptus notabilis</i>	Mountain Mahogany, Blue Mountain Mahogany		 H: 25 - 30m S: over 20m							Rough Flaky Bark Well-drained soil Full sun	
<i>Eucalyptus parramattensis</i>	Grey Box		 H: 10 - 15m S: 3.5 - 6m							Rough Flaky Bark Attracts nectar-eating birds Shade tree Sandy soils, often found in low, wet sites Sun to part shade / Sun	
<i>Eucalyptus pilularis</i>	Blackbutt		 H: 10 - 70m S: -							Full sun Part bark, Smooth, Fibrous/Stringy bark Most soils, fast-growing. Usually seen on coastal sandy loams, but also grows well on clays and volcanic soils. Attracts birds & bees	
<i>Eucalyptus punctata</i>	Grey Gum		 H: 25 - 30m S: 3.5 - 6m							Rough Flaky Bark Inconspicuous Decorative bark / specimen / shade tree Sand or clay soil Sun Attracts birds	

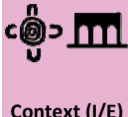


































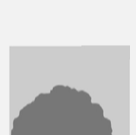






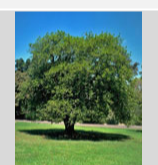
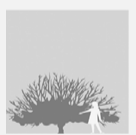



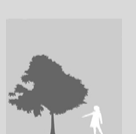








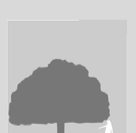




Species	Common Name	Context (I/E)	Tree Form	Tree Function						Notes	Image
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Eucalyptus quadrangulata</i>	White-topped Box, Coast White Box		 H: over 30m S: 3.5 - 6m							Rough Flaky Bark Bark grey with whitish patches, fibrous-flaky, smooth above, white or grey, shedding in long ribbons. Favourite food of Koala's Prefers moderately heavy soils, generally derived from shale or volcanic parent material.	
<i>Eucalyptus resinifera</i>	Red Mahogany		 H: over 30m S: 6 - 10m							Rough Flaky Bark Inconspicuous Shade tree / Specimen Deep soils of medium to high fertility Shade to part sun / sun to shade / sun to part shade / sun	
<i>Eucalyptus scias</i> - Koala Food Trees	Large-fruited red mahogany		 H: Up to 20m S:-							Small, straggly to medium-sized Endemic to the high rainfall coastal areas of NSW Bark rough throughout, fibrous, grey or brown, held in long strips or slabs with shallow furrows. Grows in forests on soils of medium fertility	
<i>Eucalyptus sclerophylla</i>	Hard-leaved Scribbly Gum		 H: 15 - 20m S: 3.5 - 6m							Smooth Bark White or grey white bark with scribbles Sand or clay soil Full sun	
<i>Eucalyptus sideroxylon</i> and "rosea"	Red Ironbark		 H: 25 - 30m S: 3.5 - 6m							Scaly Full Bark & Showy Specimen / Decorative bark / Decorat. fruit/seeds Well-drained soil Sun / Full sun They display dark brown or black, deeply furrowed bark on their trunks and branches.	
<i>Eucalyptus tereticornis</i>	Forest Red Gum, Burringoa		 H: over 30m S: 6 - 10m							Smooth Bark Smooth, bluish-grey, whitish or ash-coloured Inconspicuous Shade tree / Specimen Soils of medium to high fertility Full sun	
<i>Eucalyptus viminalis</i>	Ribbon Gum, Manna Gum		 H: over 30m S: 3.5 - 6m							Scaly Full Bark Attracts gliders and possums that feed off the sugary sap within the trunk Shade tree / Specimen Fertile loamy, dry to moist well-drained soils Full sun	
<i>Ficus macrophylla</i>	Moreton Bay Fig, Australian Banyan		 H: over 30m S: 3.5 - 6m							Broad Domed Specimen / Shade tree / Edible Fruit/Nut / Container Spreading Sun to part shade A beautiful shade tree which attracts birds and fruit-bats.	
<i>Ficus rubiginosa</i>	Port Jackson Fig, Rusty Fig		 H: 10 - 15m S: 10 - 15m							Broad Domed Edible fruit/nut / Shade tree / Specimen / Street tree Inconspicuous Sand or clay soil sun to shade Figs eaten by birds, bats and flying foxes	
<i>Melaleuca decora</i>	White Feather Honeymyrtle		 H: 10 - 15m S: 6 - 10m							Narrow Domed Decorative bark / Screening / Shade tree / Specimen Unusual clay soils Sun / sun to part shade Fibrous-papery bark	
<i>Melaleuca styphelioides</i>	Prickly-leaved Tea Tree		 H: 10 - 15m S: 2.0 - 3.5m							Branches Vase-Shaped Screening / Shade tree Inconspicuous Moist soils Sun to part shade / Full sun	
<i>Melia azedarach</i>	White Cedar		 H: 5 - 10m S: 6 - 10m							Broad Domed Shade Tree Showy Warm, Well-drained situation Shade to part sun / Sun / Part shade	
<i>Metasequoia glyptostroboides</i>	Dawn Redwood		 H: 20 - 30m S: 7m							Pyramidal Green Looks good In Autumn Summer Soil Well drained, Will tolerate most soil types Bark interest	
<i>Quercus lobata</i>	California White Oak		 H: 12-20m S: 10-15m							Drought tolerant once established Foliage flowers Medium-sized green lobe leaves Sun	

Species	Common Name	Context (I/E)	Tree Form	Tree Function						Notes	Image
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Syncarpia glomulifera</i>	Turpentine		 H: over 30m S: 6 - 10m							Rough Flaky Bark Shade tree / Specimen Inconspicuous Moist and often heavier soils. Sun to part shade / shade to part sun Fibrous to stringy, persistent bark	
<i>Syzygium francessii</i>	Giant Water Gum, rose satinash		 H: 10 - 15m S: 3.5 - 6m							Screening plant In nature it can reach 25 m in height however it is smaller in cultivation It enjoys rich soils and assured water	
<i>Syzygium leumahnii</i>	Small-leaf Lilly Pilly		 H: 15 - 20m S: 3.5 - 6m							Miscellaneous Hedge / Shade Tree / Specimen Showy Well-drained soil Full sun / Sun/part shade / Sun	
<i>Syzygium (Acmena) smithii</i>	Creek lilly pilly, narrow-leaved lilly pilly		 H: 10 - 15m S: 6 - 10m							Small & Fragrant Hedge Moist soil This plant will never be a suitable tree for droughty situations or on poor skeletal soils.	
<i>Syzygium paniculatum and cultivars</i>	Magenta Lillypilly		 H: 5 - 10m S: 6 - 10m							Branches Vase-Shaped & Showy Shade garden / Shade tree / Specimen / Screening / Decorative fruit/seeds / Edible fruit/nut / Container / Hedge Rounded Moist, well drained, humus-enriched soil Full sun shade to part sun / Sun to part shade	

1.3. Plaza and Town Center Tree Species Matrix






Species	Common Name	Context (I/E)	Tree Form	Tree Function						Notes	Image
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Brachychiton acerifolius</i>	Bottle Tree; Illawarra Flame Tree		 H: 25 - 30m S: 3.5 - 6m							Narrow Domed Showy Specimen / street tree / shade tree Deep soil, open sunny position (for best colour display) Slow growing when young, may take few years to flower Full sun	
<i>Brachychiton discolor</i>	Lacebark		 H: 25 - 30m S: -							Conical Specimen Edible Fruit/Nut Specimen / Street Tree Sandy, loamy and acidic soils Full sun, sun, sun to part shade Non-invasive roots.	
<i>Colodendron capense</i>	Cape Chestnut		 H: 5 - 10m S: 6 - 10m							Broad-domed & Showy Specimen / Shade Tree / Street Tree / Screening / General Moist Well-drained soil Sun, Full sun Can reach 20 metres high in a forest. Benefits from a sheltered position from strong winds and frost.	
<i>Cercis canadensis</i>	Eastern Rosebud		 H: 5 - 10m S: 2.0 - 3.5m							Specimen Oval Attracts Birds Purple flowers Frost and drought tender Sandy Loam	
<i>Ficus macrophylla</i>	Moreton Bay Fig, Australian Banyan		 H: over 30m S: 3.5 - 6m							Broad Domed Specimen / Shade tree / Edible Fruit/Nut / Container Spreading Sun to part shade A beautiful shade tree which attracts birds and fruit-bats.	
<i>Ficus rubiginosa</i>	Port Jackson Fig, Rusty Fig		 H: 10 - 15m S: 10 - 15m							Broad Domed Edible fruit/nut / Shade tree / Specimen / Street tree Inconspicuous Sand or clay soil sun to shade Figs eaten by birds, bats and flying foxes	
<i>Syzygium leucomanthii</i>	Small-leaf Lilly Pilly		 H: 15 - 20m S: 3.5 - 6m							Miscellaneous Hedge / Shade Tree / Specimen Showy Well-drained soil Full sun / Sun/part shade / Sun	
<i>Syzygium (Acmena) smithii</i>	Creek lilly pilly, narrow-leaved lilly pilly		 H: 10 - 15m S: 6 - 10m							Small & Fragrant Hedge Moist soil This plant will never be a suitable tree for droughty situations or on poor skeletal soils.	
<i>Syzygium paniculatum and cultivars</i>	Magenta Lillypilly		 H: 5 - 10m S: 6 - 10m							Branches Vase-Shaped & Showy Shade garden / Shade tree / Specimen / Screening / Decorative fruit/seeds / Edible fruit/nut / Container / Hedge Rounded Moist, well drained, humus-enriched soil	
<i>Zelkova serrata</i>	Japanese Zelkova		 H: 10 - 15m S: 6 - 10m							Delinquent & Inconspicuous Vase-shaped Street tree Clay loam Sun	
<i>Lagerstroemia indica</i>	Crepe myrtle		 H: 6 - 8m S: 2-5m							Showy Spreading A deciduous, vase-shaped tree	

1.4. Residential Development Tree Species Matrix

Species	Common Name	 Context (I/E)	Tree Form	Tree Function						Notes	Image
				 WSUD	 Pollinator	 Shade	 Bushfire	 Resilient	 Koala Habitat		
<i>Angophora floribunda</i>	Rough-barked Apple		 H: 10 - 15m S: 6 - 10m							Rough flaky bark Specimen / Shade tree Upright Long Lasting Prefers deep alluvial sandy soils Sun to part shade sun	
<i>Banksia marginata</i>	Silver Banksia		 H: 3 - 5m S: 3.5 - 6m							Tall, erect & rounded. Specimen / Low maintenance / Rontainer / Rock garden/ Screening Well-drained soil Full sun / Fshade to part sun / Sun to part shade / Sun/Sun/part shade	
<i>Banksia integrifolia</i>	Coastal Banksia		 H: 5 - 10m S: 3.5 - 6m							Branches Vase-Shaped, Stunted, twisted, gnarled growth Decorative bark // Decorative fruit/seeds / Sand dune stabilisation / Screening / Specimen Sandy loam, light, well-drained soil Full sun	
<i>Elaeocarpus reticulatus</i>	Blueberry Ash		 H: 5 - 10m S: 3.5 - 6m							Pendulous & Showy Screening / Shade Tree / Specimen Does not favour sands or water-logged areas Sun to part shade / shade to part sun / sun to part shade / sun / sun to shade / full sun	
<i>Ficus coronata</i>	Sandpaper Fig		 H: 6 - 10m S: 3 - 5m							Inconspicuous Shade garden / Shade tree / Hedging / Soil stabilisation Sandy to clay loam shade to part sun / sun to part shade Attracts bees and birds	
<i>Ficus rubiginosa</i>	Port Jackson Fig, Rusty Fig		 H: 10 - 15m S: 10 - 15m							Broad Domed Edible fruit/nut / Shade tree / Specimen / Street tree Inconspicuous Sand or clay soil sun to shade Figs eaten by birds, bats and flying foxes	
<i>Glochidion ferdinandi</i>	Cheese Tree		 H: 5 - 10m S: 6 - 10m							Inconspicuous Shade garden / Shade tree / Specimen Sandy to clay loam shade to part sun / sun to part shade A host tree for several butterflies. Attracts birds	
<i>Leptospermum petersonii</i>	Lemon-scented Teatree		 H: 3 - 5m S: 2.0 - 3.5m							Shrub-like tree Screening / Decorative Bark Sandy loam	
<i>Melaleuca linearifolia</i>	Flax-leaved Paperbark, Budjur (Gadigal), Snow-in-summer		 H: 5 - 10m S: 6 - 10m							Screening / Shade tree Moist or swampy ground Sun to part shade / full sun / sun / sun/part shade / sun to shade They provide shelter, a food source in the form of insects and also provides birds with nesting materials and a nesting site.	
<i>Schotia brachypetala</i>	Weeping boer-bean, African Walnut		 H: 5 - 10m S: 5 - 15m							Stout-trunked small tree Full sun Free-draining loam and sand soils of a slightly acid to alkaline nature The flowers produce large amounts of nectar which can stain fabric. Attracts a wide variety of birds, particularly sun-birds and other nectar loving birds. Bees and insects feed on the nectar.	
<i>Melia azedarach</i>	White Cedar		 H: 5 - 10m S: 6 - 10m							Broad Domed Shade Tree Showy warm, well-drained situation shade to part sun sun/part shade	

1.5. Employment Lands/Industrial Tree Species Matrix

Species	Common Name	Context (I/E)	Tree Form	Tree Function						Notes	Images
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Brachychiton populneus</i>	Bottle Tree		 H: 10 - 20m S: 3 - 6m							Narrow Domed Pendant canopy shape, Upright growth habit Street Tree / Specimen / Low Maintenance / Screening / Shade Tree Well-drained soil (Sandy, Loamy, Sandy loam, Clay loam, Poor soil) Full Sun Attractive, densely foliated tree displaying clusters of yellowish-white bell-shaped blooms. Unique bottle- shaped trunk. Useful as accent tree, or massed as screens or windbreaks. Evergreen.	
<i>Allocasuarina littoralis</i>	Black She Oak		 H: 5 - 10m S: 2.0 - 3.5m							Fastigiate Screening / Edible fruit/nut /Erosion control Inconspicuous Sandy, clay or rocky soils Full sun Finches, including Red-browed and Beautiful Firetail Finches, Rainbow Lorikeets and cockatoos feed on the seed.	
<i>Allocasuarina torulosa</i>	Forest Oak, Rose She Oak		 H: 5 - 10m S: 3.5 - 6m							Inconspicuous, rounded growth habit Screening / Decorative bark / Erosion control / Street tree / Specimen / Low mainten. / General Tolerates most soils, and some salinity Sun to part shade Except for some leaf litter which will need periodic removal, it remains a low maintenance plant. They will adapt to a wide variety of soils. Good for reserves and parks.	
<i>Angophora floribunda</i>	Rough- barked Apple		 H: 10 - 15m S: 6 - 10m							Rough flaky bark Specimen / Shade tree Upright Long Lasting Prefers deep alluvial sandy soils Sun to part shade sun	
<i>Corymbia maculata</i>	Spotted Gum		 H: over 30m S: 6 - 10m							Scaly Full Bark Shade Tree / Specimen Notable for its erect form and completely smooth bark Clay Soil No waterlogging Full Sun	
<i>Corymbia gummifera</i>	Red Bloodwood		 H: 15 - 20m S: 6 - 10m							Rough Flaky Bark Shade tree specimen Upright Does well in most soils Full sun / sun to part shade Attracts birds Sugar Gliders feed by biting through the bark for sap, Koalas feed on the leaves. Forms ideal nest hollows for parrots and possums and is a host tree for several butterflies.	
<i>Eucalyptus agglomerata</i>	Blue-leaved Stringybark		 H: over 30m S: 6 - 10m							Rough Flaky Bark Shade tree Upright Inconspicuous Well-drained soil Full sun	
<i>Eucalyptus globoidea</i>	White Stringybark		 H: 25 - 30m S: 3.5 - 6m							Rough Flaky Bark Inconspicuous Upright Shade tree / Specimen Moist sandy or alluvial soils of moderate fertility Full sun	
<i>Ficus macrophylla</i>	Moreton Bay Fig, Australian Banyan		 H: over 30m S: 3.5 - 6m							Broad Domed Specimen / Shade tree / Edible Fruit/Nut / Container Spreading Sun to part shade A beautiful shade tree which attracts birds and fruit-bats.	
<i>Ficus rubiginosa</i>	Port Jackson Fig, Rusty Fig		 H: 10 - 15m S: 10 - 15m							Broad Domed Edible fruit/nut / Shade tree / Specimen / Street tree Inconspicuous Sand or clay soil sun to shade Figs eaten by birds, bats and flying foxes	
<i>Melia azedarach</i>	White Cedar		 H: 5 - 10m S: 6 - 10m							Broad Domed Shade Tree Showy Warm, Well-drained situation Shade to part sun / Sun / Part shade	

Species	Common Name	Context (I/E)	Tree Form	Tree Function						Notes	Images
				WSUD	Pollinator	Shade	Bushfire	Resilient	Koala Habitat		
<i>Syncarpia glomulifera</i>	Turpentine		 H: over 30m S: 6 - 10m							Rough Flaky Bark Shade tree / Specimen Inconspicuous Moist and often heavier soils. Sun to part shade / shade to part sun Fibrous to stringy, persistent bark	