

STREET TREE SCHEDULE

Tree species list for East Wanneroo District Structure Plan area

February 2023

Notes	Minimum setbacks (unless stated otherwise)	Specific locations and functions	Irrigation requirements
<p>* Indicates species that are locally native to the City of Wanneroo.</p>	<p>1m from kerb (unless in a laneway where this can be varied by the City)</p> <p>1.5 m from crossovers</p> <p>2.5m from light poles</p> <p>2.5m from walls</p> <p style="text-align: center;">Standard verge widths</p> <p>Arterials and local streets without shared path: 4.5m</p> <p>Arterials and local streets with shared path: 6.5m</p>	<p>B Buffer zones: located on Primary Distributors and Integrator arterial A verges and medians. Function is for noise and wind attenuation + visual screening. Local species preferred to provide habitat green link.</p> <p>BRA Bio-retention area (verge) suitable.</p> <p>CP Car parks</p> <p>D Deciduous species</p> <p>FT Feature trees that are distinctive in size and appearance. Feature trees also improve legibility of the landscape.</p> <p>POS 1 Public Open Space: in turf (summer irrigation)</p> <p>POS 2 Public Open Space: in garden beds (dry initially or dry after establishment)</p> <p>RAB Roundabouts, medians and public access ways</p> <p>RC Retail + commercial precincts, (irrigation from mains)</p> <p>SB Stormwater basins</p>	<ol style="list-style-type: none"> 1 Able to survive after winter planting. 2 Able to survive after 2 years establishment irrigation. 3 Summer irrigation preferred after 2 years establishment irrigation. 4 Requires summer irrigation long term. <p style="text-align: center;">Tree Origin</p> <p>WA – Western Australia</p> <p>Brazil</p> <p>Madagascar</p> <p>Europe</p> <p>Aus - Australia</p> <p>ES – Eastern states (Australia)</p> <p>NE Aus – North east Australia</p> <p>Asia</p> <p>USA</p>

Botanical name	Common name	Height range (m)	Canopy spread (m)	Origin	Verge width		Specific locations										Irrigation	Comments
					6.5 m	4.5 m	B	BRA	CP	D	FT	POS 1	POS 2	RAB	RC	SB		
Integrator Arterial (Lenore/Franklin, Elliot Road, Lakeview Road, Badgerup Road, Sydney Road) Reserve Width: Refer to attached Road Reserve cross-sections																		
<i>Corymbia callophylla</i>	Marri	15m	8m	WA			√				√	√	√			2	Setback from kerbing and turf minimum 7m, as large fruit can be a trip and projectile hazard.	
<i>Jacaranda mimosifolia</i>	Jacaranda	15m	12m	Brazil						√	√	√		√		4	Takes approx. 15 years to establish.	
<i>Eucalyptusgomphocephala</i>	Tuart	20m	10m	WA	√		√			√	√	√	√			1	Ensure a minimum of 2m from footpaths and kerbs and minimum setback 6m from buildings.	
<i>Delonix regia</i>	Poinciana	8m	6m	Madagascar						√	√	√		√		4	May not achieve significant canopy spread for some time. Good for urban centres for shading paved areas. Feature species	
<i>Erythrina sykesii</i>	Coral Tree	15m	12m	ES	√	√		√		√	√	√	√	√	√	2	To limit sunburn ensure that 45l and above specimens are planted to same orientation as in nursery. Seasonal interest as tree is deciduous and has red flowers in winter/ spring. Feature species	
Neighbourhood Connector A – predominantly residential street with target vehicle speed up to 50 km/hr and up to 7,000 vehicles per day. Reserve width: Refer to attached Road Reserve cross-sections Desired place outcome: amenity, continuous canopy of shade over footpaths (urban neighbourhoods), shade over footpaths (suburban neighbourhoods)																		
<i>Corymbia callophylla</i>	Marri	15m	8m	WA			√				√	√	√			2	Setback from kerbing and turf minimum 7m, as large fruit can be a trip and projectile hazard.	
<i>Jacaranda mimosifolia</i>	Jacaranda	15m	12m	Brazil						√	√	√		√		4	Takes approx. 15 years to establish.	
<i>Eucalyptusgomphocephala</i>	Tuart	20m	10m	WA	√		√			√	√	√	√			1	Ensure a minimum of 2m from footpaths and kerbs and minimum setback 6m from buildings.	
<i>Delonix regia</i>	Poinciana	8m	6m	Madagascar						√	√	√		√		4	May not achieve significant canopy spread for some time. Good for urban centres for shading paved areas. Feature species	
<i>Erythrina sykesii</i>	Coral Tree	15m	12m	ES	√	√		√		√	√	√	√	√	√	2	To limit sunburn ensure that 45l and above specimens are planted to same orientation as in nursery. Seasonal interest as tree is deciduous and has red flowers in winter/ spring. Feature species	
Neighbourhood Connector B – predominantly residential street with target speed up to 50km/hr and up to 3,000 vehicles per day Reserve width: Refer to attached Road Reserve cross-sections Desired place outcome: amenity, continuous canopy of shade over footpaths (urban neighbourhoods), shade over footpaths (suburban neighbourhoods)																		

Botanical name	Common name	Height range (m)	Canopy spread (m)	Origin	Verge width		Specific locations									Irrigation	Comments	
					6.5 m	4.5 m	B	BRA	CP	D	FT	POS 1	POS 2	RAB	RC			SB
<i>Agonis flexuosa</i>	WA Peppermint	8m	6m	WA	√	√	√	√	√			√	√	√	√	√	2	
<i>Bauhinia blakeana</i>	Hong Kong Orchid Tree or Bauhinia	8m	6m	ASIA	√	√	√	√			√	√	√	√	√		2	
<i>Eucalyptus torquata</i>	Coral Gum, Coolgardie Gum	5-10m	4-8m	WA		√	√	√	√			√	√	√	√		2	Needs training to reach suitable shape. Shallow rooted, tend to blow over in karst areas.
<p>Access Street A – predominantly residential street with target vehicle speed up to 50 km/hr and less than 3,000 vehicles per day</p> <p>Reserve width: Refer to attached Road Reserve cross-sections</p> <p>Desired place outcome: amenity, continuous canopy of shade over footpaths (urban neighbourhoods), shade over footpaths (suburban neighbourhoods)</p>																		
<i>Corymbia callophylla</i>	Marri	15m	8m	WA			√					√	√	√			2	Setback from kerbing and turf minimum 7m, as large fruit can be a trip and projectile hazard.
<i>Jacaranda mimosifolia</i>	Jacaranda	15m	12m	Brazil			√			√	√	√		√			4	Takes approx. 15 years to establish.
<i>Eucalyptus gomphocephala</i>	Tuart	20m	10m	WA	√		√			√	√	√	√				1	Ensure a minimum of 2m from footpaths and kerbs and minimum setback 6m from buildings.
<i>Delonix regia</i>	Poinciana	8m	6m	Madagascar			√			√	√	√		√			4	May not achieve significant canopy spread for some time.
<i>Corymbia ficifolia</i>	Red Flowering Gum	9m	4-6m	WA	√	√	√	√	√			√	√	√	√	√	2	When used as a street tree ensure is used in a mixed design, at a minimum of 1 in 3.
<i>Eucalyptus tottiana</i>	Pricklybark, Coastal Blackbutt	5-15m	5-10m	WA	√	√	√	√	√		√	√	√	√				Performs best on Bassendean soils.
<i>Eucalyptus woodwardii</i>	Lemon Flowered Gum	12m	8m	WA	√	√	√	√			√	√	√				2	Not common in the City. As it is drought tolerant it should do well.
<p>Access Street B – predominantly residential street with target vehicle speed up to 40km/hr and less than 3,000 vehicles per day</p> <p>Reserve width: Refer to attached Road Reserve cross-sections</p> <p>Desired place outcome: amenity, continuous canopy of shade over footpaths (urban neighbourhoods), shade over footpaths (suburban neighbourhoods)</p>																		
<i>Callistemon citrinus "Kings Park Special"</i>	Bottle Brush	5m	3-4m	WA	√	√	√	√	√			√	√	√			2	
<i>Cupaniopsis anacardioides</i>	'Tuckeroo'	8m	6m	ES			√					√	√		√		4	

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					6.5 m	4.5 m	B	BRA	CP	D	FT	POS 1	POS 2	RAB	RC	SB		
<i>Eucalyptus drummondii</i>	Drummond's Gum	8m	4m	WA		√	√	√					√	√			1	Mallee form.
<i>Eucalyptus erythrocorys</i>	Illyarrie	7m	5m	WA			√				√	√	√	√	√		1	Locate minimum 3m from paths, due to large fruit being potential trip hazard.
<i>Eucalyptus erythronema</i>	Red Flowered Mallee	4-9m	4-7m	WA			√			√	√	√	√	√			1	Low damage potential to infrastructure from roots.
<i>Callistemon viminalis</i>	Weeping Bottle Brush	8m	4m	ES	√	√	√	√	√			√	√	√			2	RAB: small roundabouts only so sightlines are maintained
<i>Eucalyptus forrestiana</i>	Fuchsia Gum	4m	4m	WA		√	√	√			√	√	√	√			1	Mallee. Formative pruning required.
<i>Eucalyptus lehmannii</i>	Bushy Yate	6m	4m	WA			√					√	√				1	Mallee. Needs training to reach suitable shape. Shallow rooted, tend to blow over in karst areas.
<i>Eucalyptus 'Torwood'</i>	Hybrid Coral Gum	5-8m	6-8m	WA		√	√	√	√			√	√	√	√		2	Attractive small tree.

Access Streets C & D – residential give-way streets with target vehicle speed between 30-40 km/hr up less than 3,000 vehicles per hour

Reserve width: Refer to attached Road Reserve cross-sections

Desired place outcome: amenity, continuous canopy of shade over footpaths (urban neighbourhoods), shade over footpaths (suburban neighbourhoods)

<i>Eucalyptus victrix</i>	Coolibah	7m	6m	WA (Nth)	√	√	√	√			√	√	√	√			1	Attractive small tree with white trunk.
<i>Eucalyptus utilis</i> (prev <i>Eucalyptus platypus heterophylla</i>)	Coastal Moort	8m	5m	WA			√					√	√				1	Tends to blow over in karst areas. If adjacent to conservation areas it could seed.
<i>Melaleuca lanceolata</i> *	Rottnest Island Tea Tree	6m (single) 10m (clump)	5m	WA *	√	√	√	√				√	√	√		√	1	In natural habitat is multi-stemmed, is only suitable as street tree if single stem specimens are selected with formative pruning in early years.

Laneways – To service residential (rear loaded) lots. Target speed up to 30km/hr

Reserve width: Refer to attached Road Reserve cross-sections

Desired place outcome: amenity and aesthetically desirable with some shade

<i>Viburnum tinus</i>	Laurustinus	3m	2m	Europe			√					√	√					
<i>Syzygium australe</i> Straight and narrow	Lilly Pilly	5m	2m	Aus			√					√	√					
<i>Magnolia grandiflora</i> "Sweet Spire"	Southern magnolia	3m	1.2m	USA			√					√	√					

