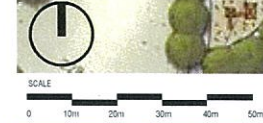




LEGEND

- MEDIUM DENSITY RESIDENTIAL LOTS
- LOW DENSITY LOTS
- STREET TREES
- FEATURE TREES
- PROPOSED DRIVEWAYS
- 1 GRASSED OPEN SPACE
Turfed area for passive recreation
- 2 BOLLARDS TO PERIMETER OF PARK
To define edges and prevent vehicle access
- 3 PATHWAYS
Circulation of park provides pedestrian links whilst also creating separation of areas and uses
- 4 SHELTERS AND BBQs
Shelters and BBQs for picnics and family gatherings
- 5 STORMWATER TREATMENT AREAS
Bio retention and stormwater swales not only contribute to water quality but also provide bird habitats. Size shown on these concept plans are indicative only.
- 6 PLAY EQUIPMENT
Play equipment that caters for different age groups



STORM WATER TREATMENT

- Stormwater treatment and detention facilities are to be incorporated in to the landscape design in a way that provides an attractive and enjoyable park experience whilst also providing a function of improving water quality and providing flora and fauna habitat.



STORMWATER OUTLET

Concrete Storm water outlet planted and with rails. Rock lined gully to reduce washout.



SEDIMENT TRAP

Concrete sediment trap is a practical and easily maintained solution to removing rubbish and silt build up.



STORM WATER INLET

Storm water inlet to allow water to be collected and discharged at outlet. Rock lined surrounds to prevent silt and plant matter build up at grate.



BRIDGES

Bridges to detention basin crossing areas allow for paths to be continued and provides interest along the journey. Bridge to have handrails where required.



VIEWING PLATFORMS

Areas for viewing the wetlands and associated wildlife. These platforms could also incorporate information signs as to the local birdlife and insects that visits the area.



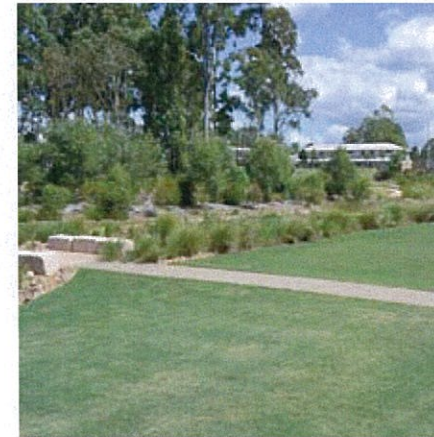
TIMBER BOARDWALK

Potential to create a timber boardwalk amongst the wetlands as an educational walk illustrating the importance of water quality and the environmental impacts.



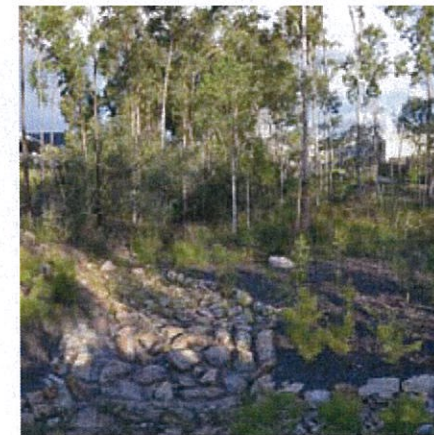
REVEGETATION

Areas designated for dense revegetation will contribute to providing a safe habitat for fauna.



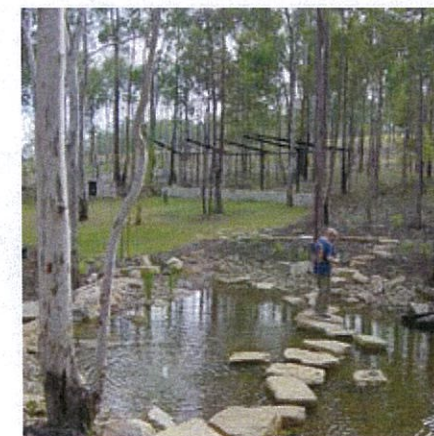
OPEN SPACE AREAS

Areas of open space for recreational purposes can be incorporated into the design of storm water detention basins and collection swales.



EXISTING VEGETATION

Existing vegetation should be protected where possible not only for the aesthetic and environmental qualities but also to help the establishment of new wetland planting by providing shade and protection to juvenile plants.



RETAINED WATER

Areas where water is retained could incorporate natural play elements such as stepping stones where safe to do so.

MATERIALS

- Durable & low maintenance
- Locally sourced if available
- Vandal resistant

- Timber / Aluminium slats
- Corten Steel / Aluminium
- Durable & low maintenance
- Suite of themed signage for large to small applications
- Vandal resistant coatings

SANDSTONE

Durable
Cost effective



SANDSTONE RETAINING WALLS



SANDSTONE FEATURE BOULDERS

BROOM FINISHED CONCRETE

Durable
Cost effective



CONCRETE



FLORA STAMPED IN CONCRETE



CONCRETE FEATURE WALLS

MULCH

Durable
Cost effective



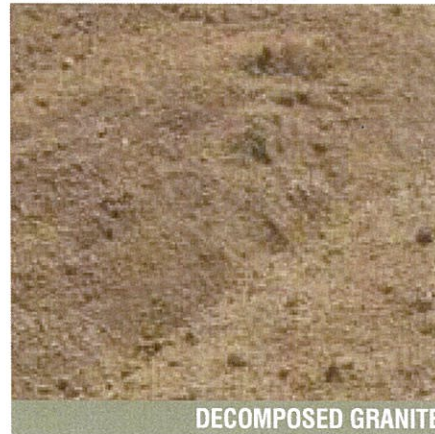
MULCH



MULCH IN NATURAL PLAY AREAS

DECOMPOSED GRANITE

Durable
Cost effective
Potential surface treatment of earth play area



DECOMPOSED GRANITE



USED AS INFORMAL PATH SURFACE



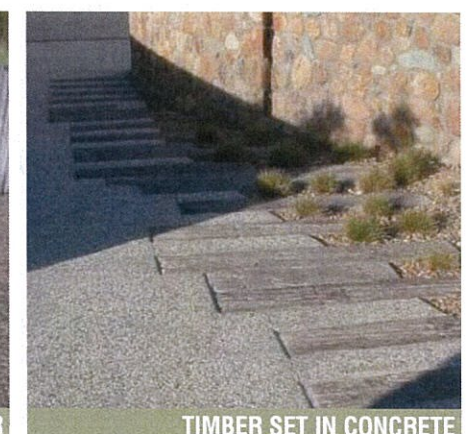
LARGE AREA OF DECOMPOSED GRANITE

TIMBER

Durable
Cost effective
Potential surface treatment of earth play area



RECYCLED TIMBER



TIMBER SET IN CONCRETE

LOCAL ROCKS

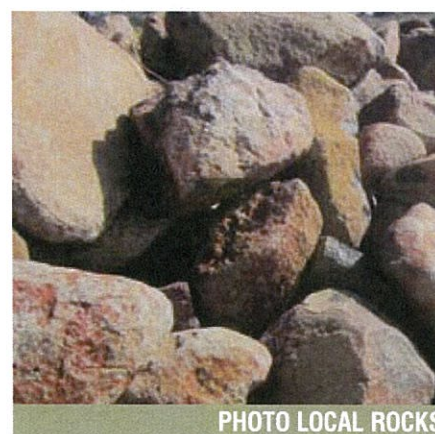
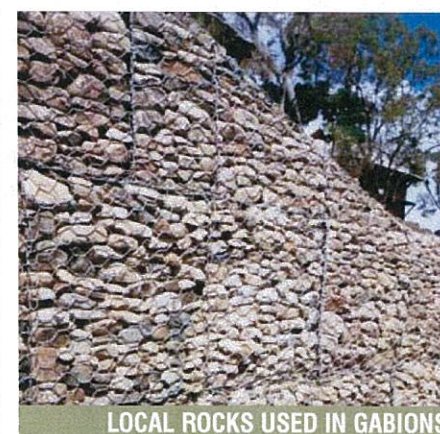


PHOTO LOCAL ROCKS

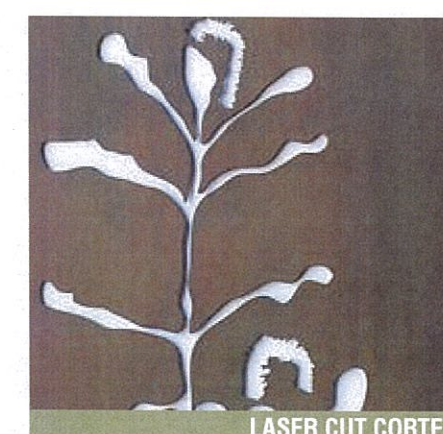


LOCAL ROCKS USED IN GABIONS

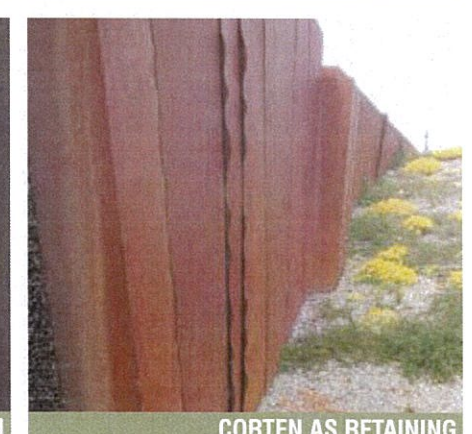


GABIONS AS FEATURE WALL

CORTEN STEEL



LASER CUT CORTEN



CORTEN AS RETAINING

FURNITURE

- Contemporary furniture design suite
- Timber and galvanised steel
- Timber and power coated steel
- Cast insitu concrete seating elements
- Suite of themed picnic furniture
- Vandal resistant coatings

LOCATIONS

- Bridge & Major Entries
- Parks & playgrounds
- Gathering points
- Decision making points
- Educational/interpretive opportunities
- Pedestrian/Bicycle trails



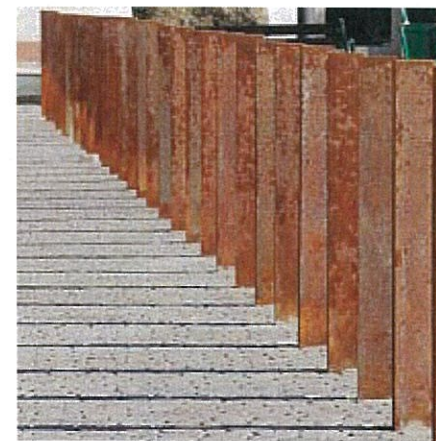
SINGLE SEATS

Coloured concrete button seats
Durable
Low Maintenance
Pre caste factory made
Rounded edges
Can be used in cluster for informal conversation around playground



PARKLAND PICNIC TABLE SETTING

UAP - fabricator
Durable
Mild steel (galvanised) frame
Mild steel (weathered) legs
SLATS Plantation-sourced Australian hardwood timber (42 x 32 mm)
Custom colour powder coating available



BOLLARDS



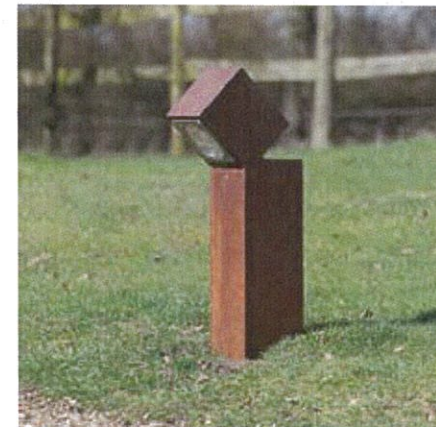
INSITU CONCRETE BENCH

Caste insitu concrete bench
Can be configured in many ways and timber can also be inset into top for added comfort
Durable
Skate proof edges
Vandal resistant coating



DRINKING FOUNTAIN

UAP - fabricator
Durable
Mild steel (weathered)
Stainless steel (electro polished) bowl
Custom colour powder coating available



BOLLARD LIGHTING



INSITU CONCRETE BENCH

Caste insitu concrete bench
Can be configured in many ways and timber can also be inset into top for added comfort
Durable
Skate proof edges
Vandal resistant coating



BIN ENCLOSURE

UAP - fabricator
Durable
L 600 x D 660 x H 1060 mm
Mild steel (galvanised) bin enclosure Mild steel (weathered) legs
Stainless steel lid & weathercap
Custom colour powder coating available



BBQ

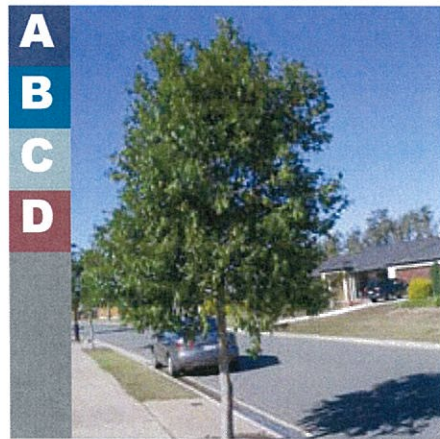
UAP - fabricator
Durable
L 3120 x D 800 x H 975 mm
FMild steel (galvanised) frame, Stainless steel hotplate & door
TOP Concrete (polished) bench
Custom colour powder coating available

STREET AND FEATURE TREES

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- Trees shown in the planting palette are suggestive only and will be dependent on availability and stock quality.

A	ROAD TYPE A Estate Entry Boulevard
B	ROAD TYPE B Internal Estate Boulevard
C	ROAD TYPE C Parkland Street
D	ROAD TYPE D Internal Connector Street
E	ROAD TYPE E Residential Street
F	ROAD TYPE F Laneways
*	FEATURE / ACCENT TREE



**WATERHOUSEA
FLORIBUNDA**

Weeping Lilly Pilly
H 8m x W 3m

Ideal street tree species.



**GREVILLEA
BAILEYANA**

White Oak
H 8m x W 3m

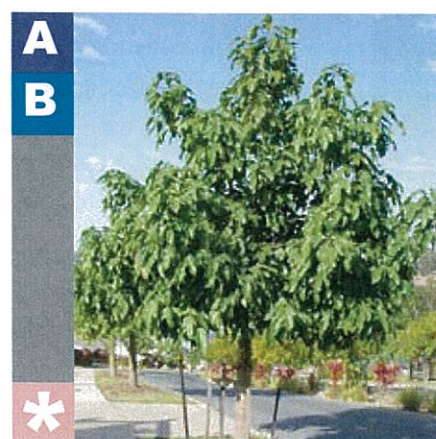
Ideal street tree species with attractive foliage.



**MELALEUCA
LEUCADENDRA**

Fine Leaf Weeping
Paperbark
H 7m x W 3m

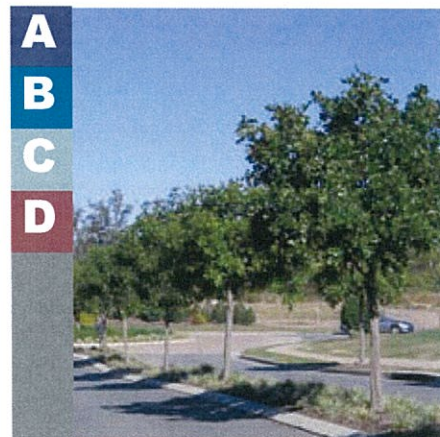
Scented and attractive street or revegetation tree.



**BRACHYCHITON
ACERIFOLIUS**

Flame Tree
H 10m x W 3m

Ornamental feature tree with masses of brilliant red flowers.



**CUPANIOPSIS
ANACARDIOIDES**

Tuckeroo
H 10m x W 2m

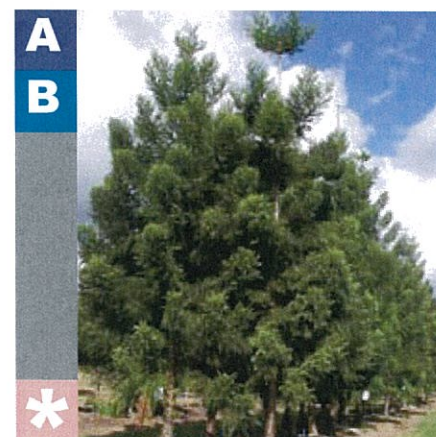
Ideal street tree species.



**FLINDERSIA
SCHOTTIANA**

Bumpy Ash
H 25m x W 5m

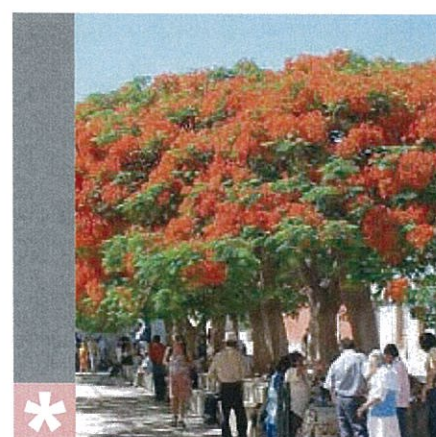
Large structural specimen street tree.



**ARAUCARIA
CUNNINGHAMII**

Hoop Pine
H 30m x W 3m

Large structural specimen tree to be used in the streetscape and as a feature.



DELONIX REGIA

Poinciana
H 12m x 10m

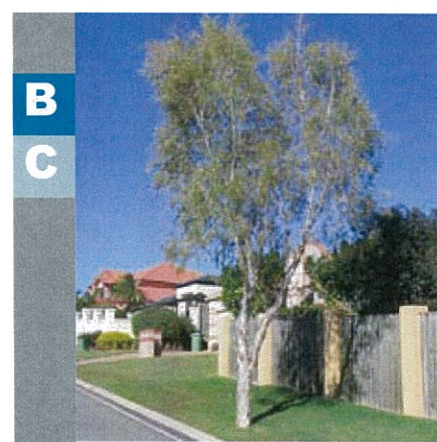
Exotic species forming a dense spreading canopy ideal for providing shade and a feature tree in parks.



**ELAEOCARPUS
RETICULATUS**

Blue Berry Ash
H 5m x W 2m

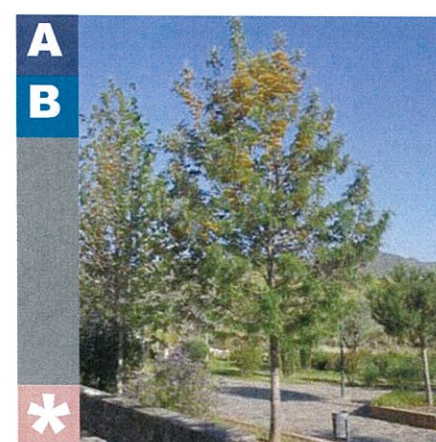
Grouping street tree for narrower road verge.



**MELALEUCA
QUINQUENERVIA**

Paper barked Tea Tree
H 9m x W 3m

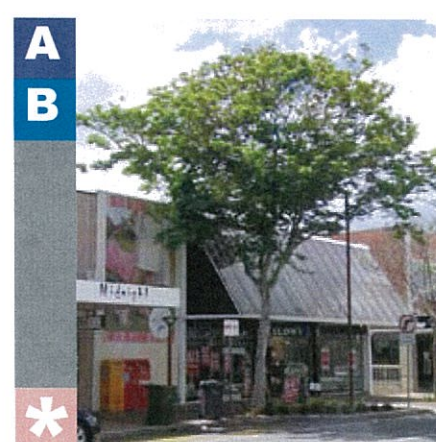
Highly scented flowers and attractive street or revegetation tree.



**GREVILLEA
ROBUSTA**

Silky Oak
H 10m x W 3m

An ideal specimen tree with bird attracting flowers in spring.



**CAESALPINIA
FERREA**

Leopard Tree
H 10m x W 5m

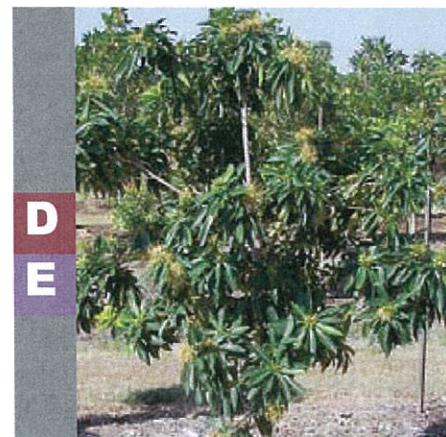
Exotic tree with attractive bark and foliage. Useful as a feature and street tree.

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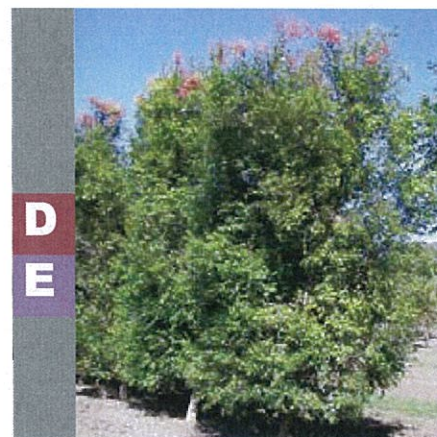
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*	FEATURE / ACCENT TREE



XANTHOSTEMON CHRYSANTHUS

Golden Penda
H 3m x W 2m

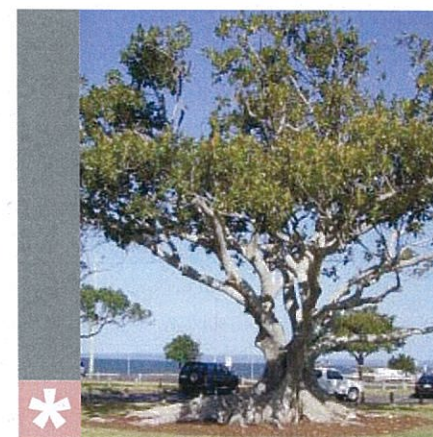
Small, dense and attractive flowering tree for narrow verges and group planting.



SYZYGIIUM LUEHMANNII

Cherry Satinash
H 5m x W 2m

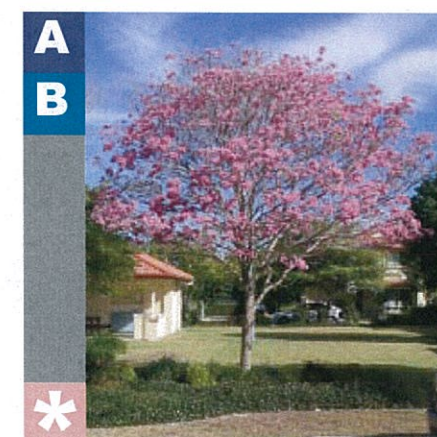
Small and dense tree for narrow verges and group planting. Also useful screen tree for buffer planting.



FIGUS MACROPHYLLA

Morton Bay Fig
H 20m x W 10m

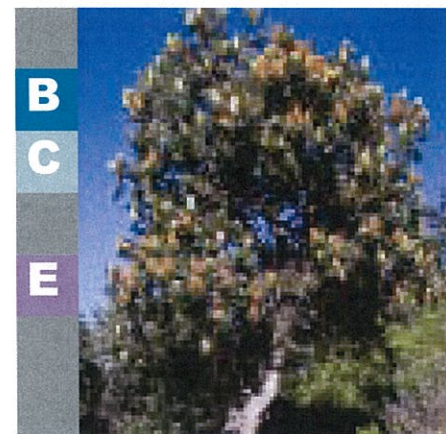
Very large and attractive feature tree. Ideal for parks and reserves.



TABEBUIA ROSEA

Trumpet Tree
H 8m x W 3m

Exotic dense flowering tree suitable for feature planting and park scenarios.



BANKSIA INTEGRIFOLIA

Banksia
H 5m x W 2m

Small native tree species for revegetation, buffer and road median scenarios.



CASUARINA LITTORALIS

Black She Oak
H 6m x W 2m

Suitable native tree for creek reserve park areas.



BRACHYCHITON RUPESTRIS

Bottle Tree
H 8m x W 3m

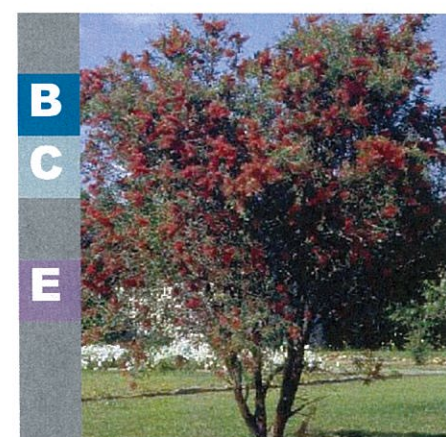
Unique feature tree with rounded trunk. Very drought tolerant. Could also be used as street tree planting.



EUCALYPTUS SP.

Eucalyptus
Varies in height (small cultivars available)

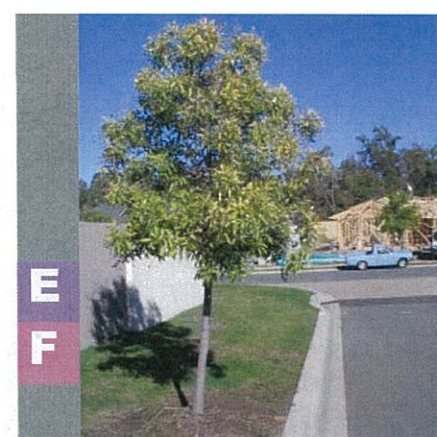
Character native plants to be used in parkland streetscape and creek reserve.



CALLISTEMON VIMINALIS

Weeping Bottle Brush
H 6m x W 3m

Small native tree species for revegetation, buffer and road median scenarios.



BACKHOUSIA CITRIODORA

Lemon Scented Myrtle
H 6m x W 2m

Attractive creamy white and scented flowers suitable as a street tree on smaller road reserves.



SYZYGIIUM JAMBOS

Rose Apple
H 8m x W 4m

Attractive small street tree suitable for narrow road verges and group planting.



CORYMBIA SP.

Bloodwood
Varies in height (small cultivars available)

Character native plants to be used in parkland streetscape and creek reserve.

SHRUBS AND GROUNDCOVERS

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BANKSIA ROBUR

Swamp Banksia
H 2m x W 2m

Large ornamental foliage and flowers attractive to honey eating birds.



CALLISTEMON 'ROCKY RAMBLER'

Rocky Rambler
H 0.75m x 1.5m

Rockery species with bright red brush flowers. Ideal low growing height for median planting.



MELALEUCA THYMIFOLIA

Thyme-leaf Honey-myrtle
H 0.75m x W 1m

Compact shrub ideal for rockeries.



GREVILLEA 'ROYAL MANTLE'

Royal Mantle
H 0.5m x W 5m

Vigorous ground cover that forms an attractive flowering matt. Ideal for rockeries and road median.



BANKSIA 'GIANT CANDLES'

Giant Candles
H 4m x W 1.5m

Masses of large burnt orange candles in winter and spring. Attracts honey eating birds.



CALLISTEMON 'LITTLE JOHN'

Little John
H 1m x W 2m

Compact shrub that can be clipped to form hedging.



ACACIA PODALYRIFOLIA

Queensland Silver Wattle
H 3m x W 2m

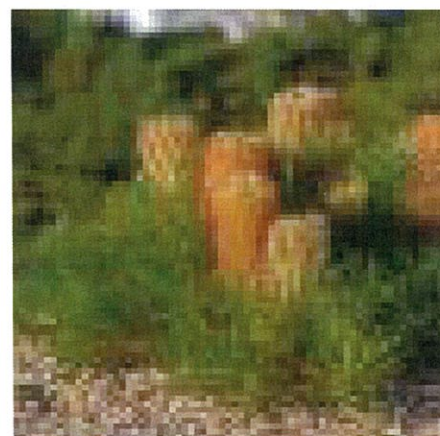
Attractive silvery foliage with masses of fluffy yellow flowers in winter and spring.



BRACHYSCOME SP.

Australian Daisy
H 0.5m x 0.8m

Pretty floral groundcover suitable for feature planting in rockeries or garden beds.



BANKSIA SPINULOSA 'COASTAL CUSHION'

Giant Candles
H 1m x W 2m

Compact dwarf shrub, spectacular when in full bloom. Ideal for rockeries.



ACACIA CONGNATA 'LIMELIGHT'

Limelight
H 0.5m x W 1m

Compact shrub with fine leaf bright green foliage. Ideal for rockeries and median planting.



GREVILLEA 'COOROORA CASCADE'

Cooroora Cascade
H 0.4m x W 3m

Very attractive yellow flowering rockery plant. Forms a dense spreading matt of brightly coloured foliage and flowers.



DIANELLA CAERULEA

Flax Lily
H 1m x W 0.5m

A low tufting plant suitable for use in streetscape, mass planting and as a boarder groundcover.

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DIANELLA 'SILVER STREAK'

Silver Streak
H 0.5m x W 0.4m

Colourful strappy foliage usefull in streetscape planting, mass planting and as a boardering groundcover in garden beds.



THEMEDA AUSTRALIS 'MINGO'

Blue Kangaroo Grass
H 0.2m x W 0.5m

Grey green spreading grass suitable for revegetation, streetscape and garden bed planting.



HARDENBERGIA VIOLACEA

Purple Coral Pea Climber

A vigorous climbing or scrambling groundcover with purple flowers in spring.



DIETES BICOLOR

Spanish Iris
H 1m x W 1m

A very hardy exotic tufting plant suitable for roadside and garden planting.



CHRYSOCEPHALUM APICULATUM

Yellow Buttons
H 0.4m x W 0.6m

Low attractive groundcover with silver foliage and yellow flowers. Suitable for rockeries, mass planting and in roadside median planting.



LOMANDRA CONFERTIFOLIA

Matting Lomandra
H 0.3m x W 0.3m

Bright green clumping form of lomandra. Suitable for streetscape and roadside planting.



BOUGAINVILLEA SP.

Bougainvillea Climber

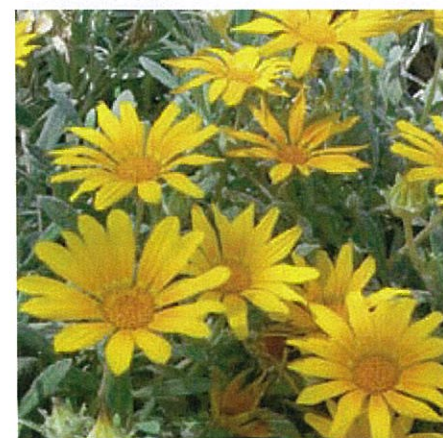
An exotc climber with a spectacular colourful display of flowers. Can be used as a climber or vigorous scrambling groundcover.



TRACHELOSPERMUM JASMINOIDES

Jasmine Climber

A highly fragrant flowered exotic climber that can also be used as a scrambling groundcover.



GAZANIA RIGENS

Gazania
H 0.3m x W 0.5m

Exotic groundcover with masses of yellow daisy flowers. Suitable for streetscape, mass planting and garden beds.



LOMANDRA LONGIFOLIA

Long-leaf Matt Rush
H 1m x W 0.5m

Tufting hardy plant suitable for revegetation, roadside and garden planting.



WESTRINGIA FRUTICOSA

Coastal Rosemary
H 1.5m x W 1m

Height varies depending on cultivar selection. Very hardy and drought tolerant shrub.



NANDINA DOMESTICA 'NANA'

Sacred Bamboo
H 0.5m x W 0.5m

A compact shrub with colourful foliage. Very hardy and suitable for streetscape and garden bed scenarios.