Landscape - Schematic Design

# Amaroo Gosnells

ISSUE DATE

260915_DA Report

## Acknowledgment of Country

We wish to  acknowledge the Traditional Custodians of the land, the Whadjuk people of the Noongar Nation, and pays its respects to elders past, present and emerging.

Architect

silver thomas hanley
HEALTH ARCHITECTURE

Landscape

CaPA

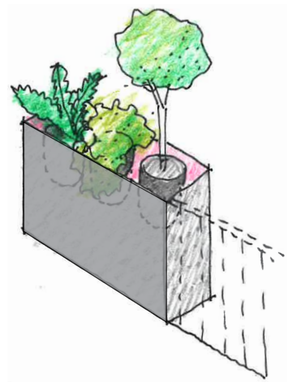


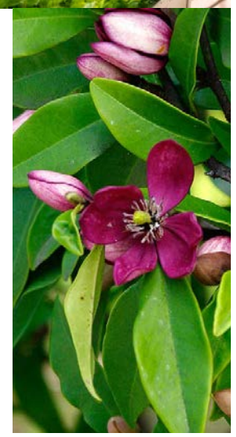
Precinct Landscape Promenade



Tree Canopies







Of Place & Personal

The landscape design proposal for Stage 1 - Amaroo Gosnells Aged Care project draws from an existing  mature tree landscape and aims to strengthen the Amaroo precinct and provide a variety of landscape experiences for each resident.

The Stage 1 landscape references the architectural and landscape masterplan's strategic directions for the precinct; developing a landscape promenade through the site, integrating existing mature trees with new pathways and usable terrace areas.

The architecture and landscape approach and relationships have been developed in concert, with each resident afforded vistas of significant tree canopies. Strategically, areas reserved for carparking are considered also as an opportunity to provide an additional tree canopy amenity and biodiversity.

The plantings have been selected to offer a combination of benefits: trees for shading, native plants for bio-diversity and water efficiency, along with exotic shrub and feature plantings for longevity, fragrance and memory. Paving and parking areas have been shaped around existing trees, with a number of terraces located with shade from existing trees.

Providing a clear village legibility whilst allowing residents to further personalise the garden has been considered. A precinct palette of largely native trees and plantings will be developed for this stage and beyond, drawing from existing and locale planting selections. Integrated  balustrade/ planter elements will be developed and detailed to allow for residents to plant personal and meaningful plantings, whilst maintaining a building elevation village feel.

From a landscape metric, the deep soil amenity to the site equates to around 20% of the Stage 1 footprint, which is equivalent to nearly 3 times the recommended planning guideline (7%) The landscape design also proposes retaining a significant amount of trees (10 off).

Landscape Responses to Design Review Panel 01

*Principle 2: Landscape quality.*

*Good design recognises that together landscape and buildings operate as an integrated and sustainable system, within a broader ecological context*

*1. Landscape strategy robust and well-integrated with masterplan intent.*

Thankyou

*2. Compact development enables high impact landscape amenity.*

Thankyou

*3. West pedestrian link acts as gateway; increase clarity, width and community use public space infrastructure elements.*

Thankyou

*4. Ensure pathway legibility, landscape continuity and experiential quality through the respite drop off area.*

Clarification - A central pedestrian promenade has been proposed for the Amaroo Gosnell's masterplan which we developed with the architect. This promenade is being reflected to Hamilton Court in part for this stage. Envisaged as a wider promenade where possible, this staged portion though has a number of constraints with allowable paving widths between existing road outlines and existing retained trees restricted.

Improved - Additional covered seating amenity has been provided to main drop off areas, along with additional landscape amenity.

*5. The pedestrian path can be further enhanced with places to dwell; seating, shade, rest points. Clarify locations (as plan/render show different locations for paths).*

Improved - We have provided additional entry and sitting elements connected to this promenade, integrating and utilising the existing Marri tree canopy shade.

*6. Provide second layer detail: understorey planting, ground materials, tactile cues, lighting.*

Improved - Noted and include in report.

*7. On structure planting requires full documentation; planter depths, volumes, reticulation, drainage, appropriate species etc.*

Clarification - The landscape focus for the project is on mature tree retention and deep soil planting. There is no strata managed planting to structure.

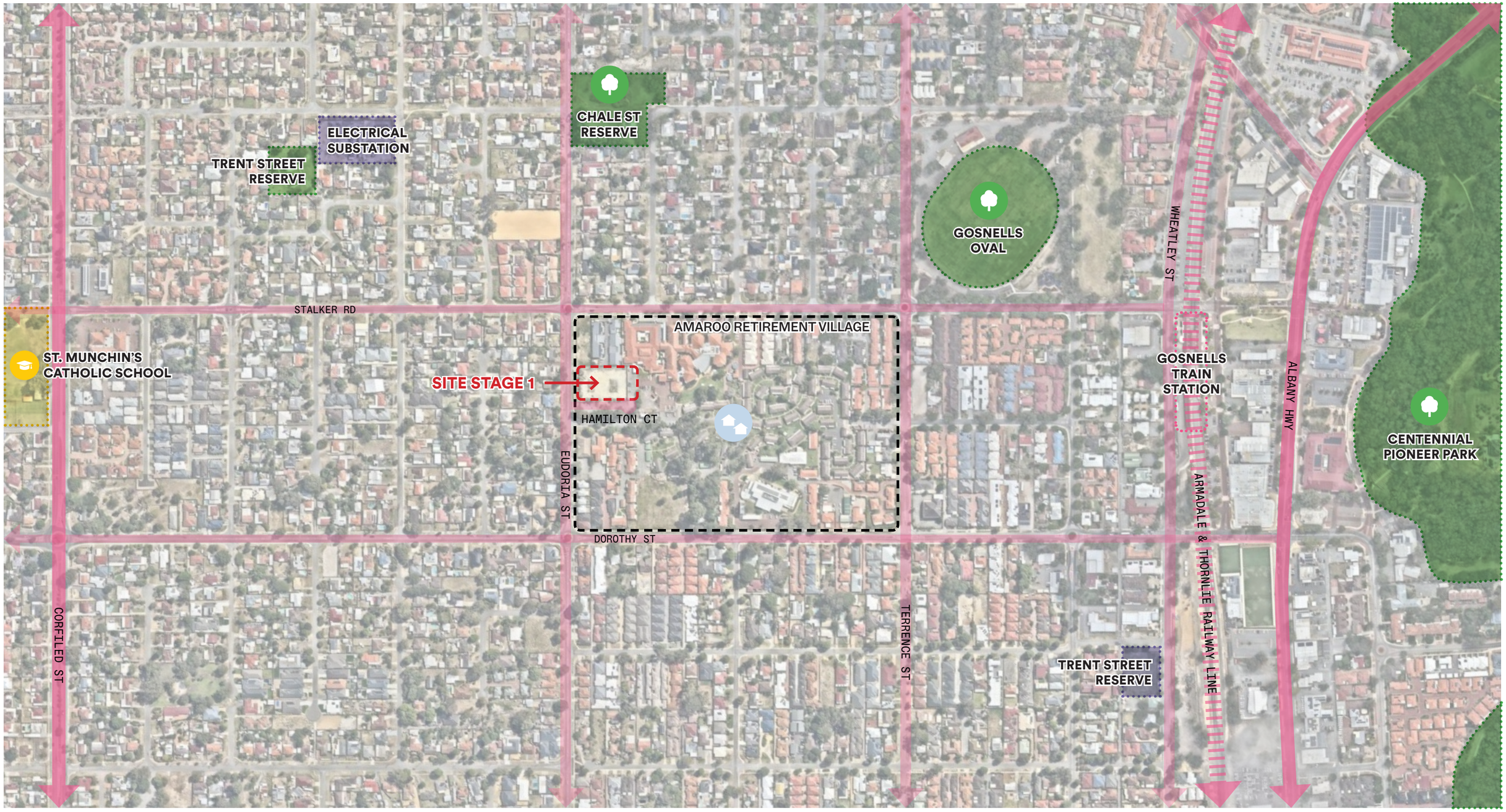
Provision in the design has been made for residents to have their own personalised garden to their balconies if they wish. This is envisaged as an elevated planter table, with a typical metal panel shroud concealing the myriad of plant pots, whilst encouraging a diverse mix of residents plantings to suit and be cared for by them.

*8. Renders should depict true canopy scale of retained and new trees which will soften the streetscape interfaces. Clarity around existing logic for tree retention/removal is sought. Lots of hard surfaces – consider opportunities for WSUD in carpark and add vehicle swept paths to reduce hard surfaces as much as feasible.*

Improved - Noted and include in report.

*9. Car park trees generous; opportunity to reinforce courtyard feel with minimised utilitarian kerbing and additional soft landscape edges, including permeable surfaces forward of the wheel stops.*

Noted - Landscape will be developed and integrated with the civil WSUD strategy.


CHALE ST RESERVE
ELECTRICAL SUBSTATION
TRENT STREET RESERVE
GOSNELLS OVAL
WHEATLEY ST
STALKER RD
AMAROO RETIREMENT VILLAGE
ST. MUNCHIN'S CATHOLIC SCHOOL
SITE STAGE 1
HAMILTON CT
GOSNELLS TRAIN STATION
ALBANY HWY
CENTENNIAL PIONEER PARK
EUDORIA ST
DOROTHY ST
ARMADALE & THORNLIE RAILWAY LINE
CORFILED ST
TERRENCE ST
TRENT STREET RESERVE

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# Location Plan

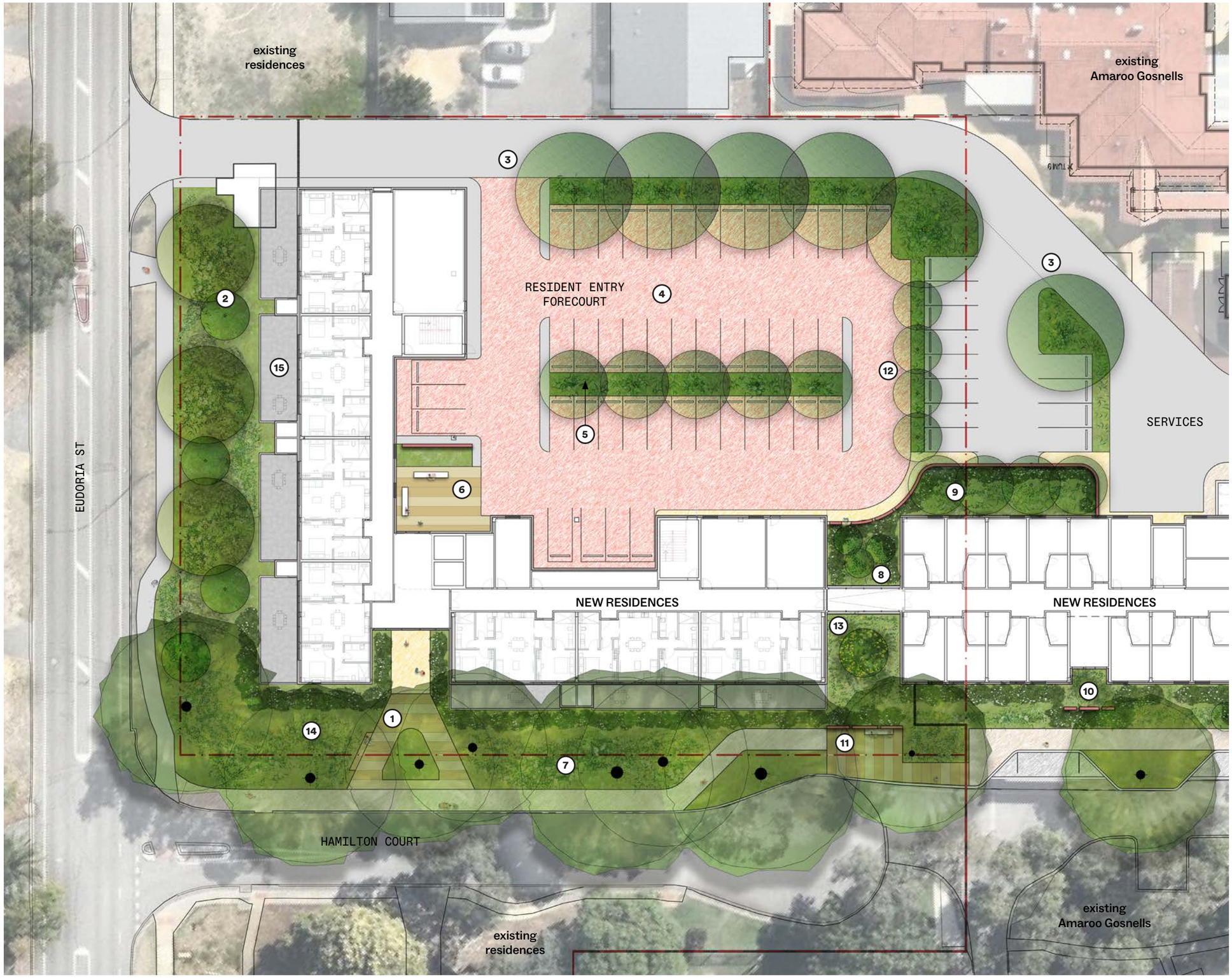



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# Landscape Plan_ Overall



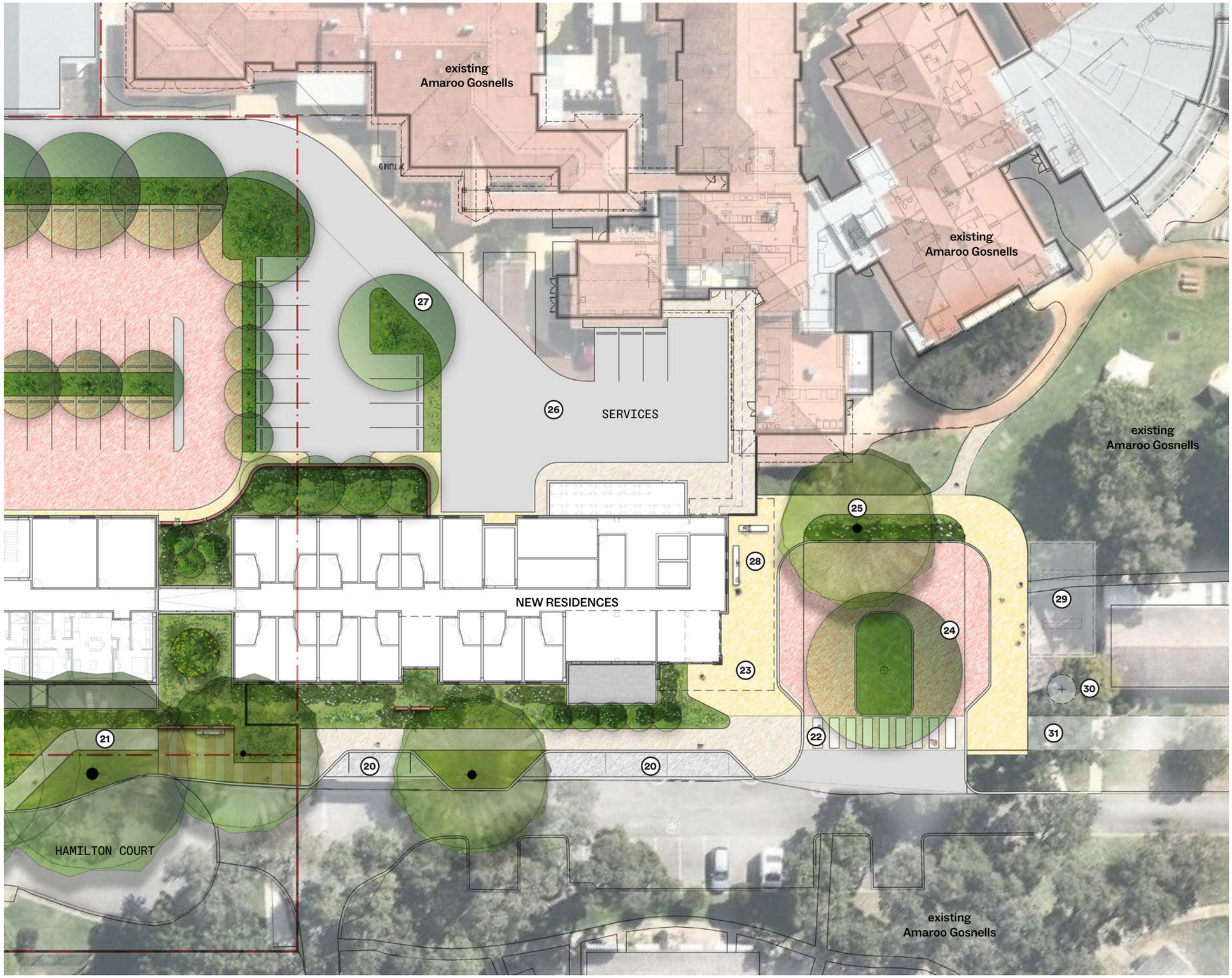
# Landscape Plan_ Eudoria St Entry




## KEY LANDSCAPE ELEMENTS

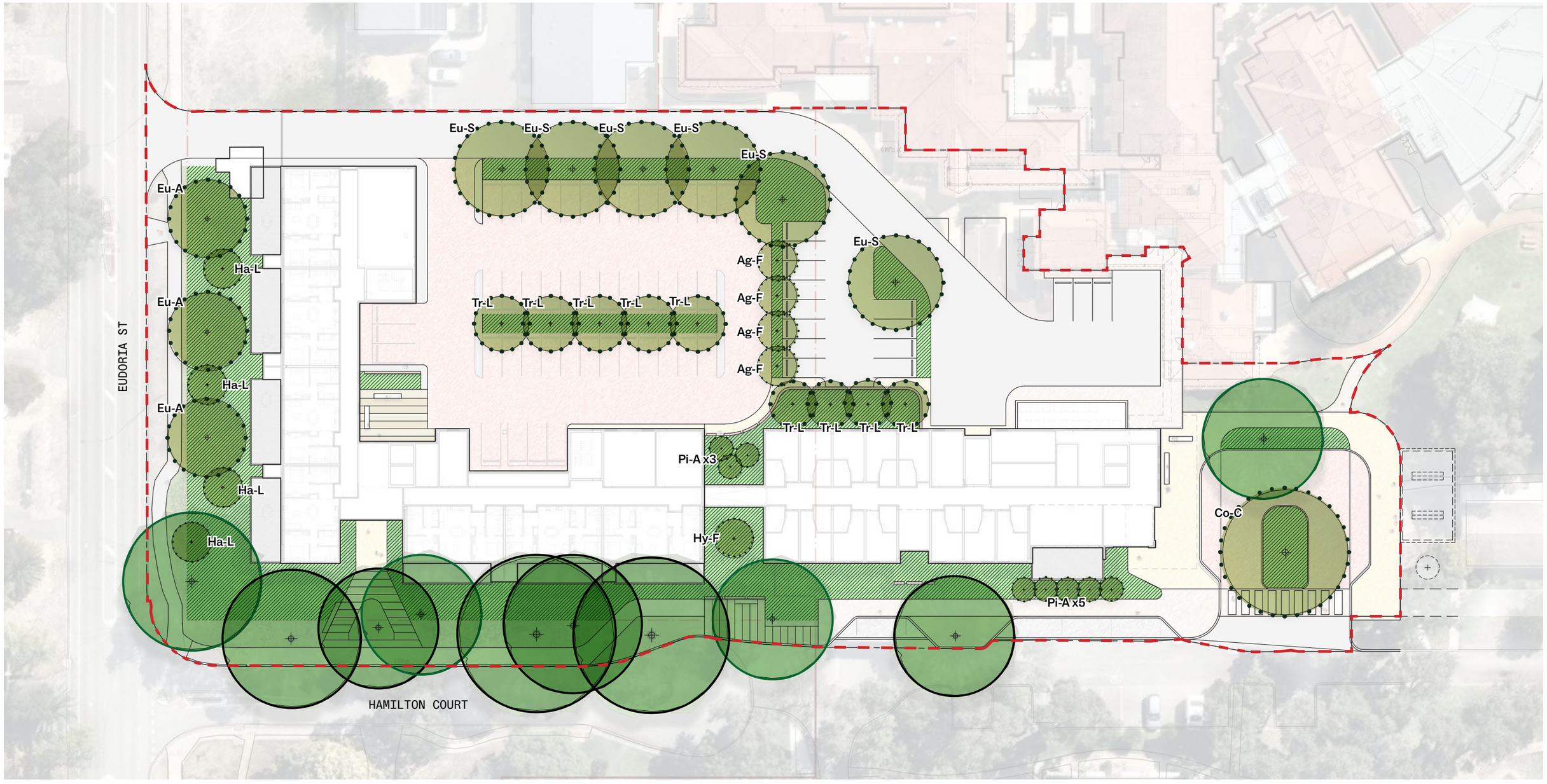
1. Main pedestrian entry with integrated seating configured around existing trees.
2. Streetscape landscape and garden filter for residents. Variety of tree canopies, with medium-scaled *Wandoos* and small *Hakea* trees for streetscape frontage. Layering of groundcovers, native grasses and shrub plantings (1.2m) for privacy (refer to softscape palette).
3. Medium scaled trees to provide landscape vista and backdrop for resident forecourt (*Eucalyptus* trees or similar).
4. RESIDENT FORECOURT
   Material deliniation (red asphalt) to provide qualitative uplift and to integrate tree plantings to provide a forecourt experience and landscape vista.
5. Tree Grove
   Garden bed footprint and civil swale opportunity for evergreen medium size tree plantings (*Tristianopsis laurina).*
6. Resident entry from carpark and associated garden amenity. Green vista from Harrison Court approach.
7. Retention of existing trees in majority (Marri Trees and *Lophostemon* mix) Ground planting under and opportunities for outdoor deck options under tree canopies.
8. Small tree plantings.
   (*Pittospermum angustifolia*)
9. Tree Grove
   Garden bed footprint and brick wall screening from carparking for residents. Medium tree plantings (*Tristianopsis laurina).*
10. Low brickwork walling with layering of groundcovers, native grasses with feature shrub plantings.
11. New sitting area under tree canopy.
12. Dwarf Peppermint trees (*Agonis flexuosa* ‘Burgundy’).
13. Aromatic Hymenosporum (native frangipani) with tree ferns under.
14. Hamilton Court planting swale mix (refer to softscape palette).
15. Private residential outdoor terraces.

# Landscape Plan_ Main Entry




## KEY LANDSCAPE ELEMENTS

20. Visitor Parking - parallel bays (4 off)
21. Pathway promenade through existing trees. ( 2.2m )
22. Pathway connection and calming transition for drop-off.
23. Covered main entry and drop-off with seating.
24. Vehicular drop-off area with bus stop.
25. Retain existing tree.
26. Service area and delivery drop-offs.
27. Medium scaled trees to provide landscape vista and backdrop (*Eucalyptus* trees). Garden bed footprint and civil swale opportunity.
28. Seating under building canopy for drop-off amenity.
29. Future Stage - Residential Pavilion.
30. Provisional location for public artwork
31. Future Stage - Future Pathway Connection.




## KEY

- PROPOSED BOUNDARY
- EXISTING TREE (retained on site)
- EXISTING TREE (adjacent to verge with structural root zone retained on site)
- PROPOSED TREES

S1 Site Area = 9740 m2

Trees Required: 9 large trees OR 1 large tree + 18 medium

Trees Proposed: 4 existing large trees retained on site, 6 existing large trees adjacent with SRZ retained on site, + 10 proposed medium + additional small trees)

DSA Required: 7% (existing trees retained on site)

Proposed Deep Soil Area = 1615 m2 or 16%

*The proposed landscape plan exceeds DSA and tree requirements, as per the SPP 7.3 R-Codes Volume 2 - Apartments.*




## KEY LANDSCAPE ELEMENTS

1. Border planting to screen existing residences.
2. Small tree planting to carpark boundary (*Callistemon salignus*).
3. Small tree planting to garden bed islands (*Tristanopsis laurina*).
4. Medium tree planting to carpark Dorothy Street entry (*Eucalyptus* trees or similar).

## General Ground Planting Mix



SHRUB PLANTING
*Rhaphiolepsis indica* 'Oriental Pearl'
1m H x 1m W
Full sun

Exotic



GROUNDCOVER PLANTING
*Myoporum parvifolium* (Creeping Boobialla)
0.3m H x 2m W
Full sun to part shade

WA native



MEDIUM TREE
*Eucalyptus accedens*
(Smooth Bark Wandoo)
10m H x 6m W
WA native

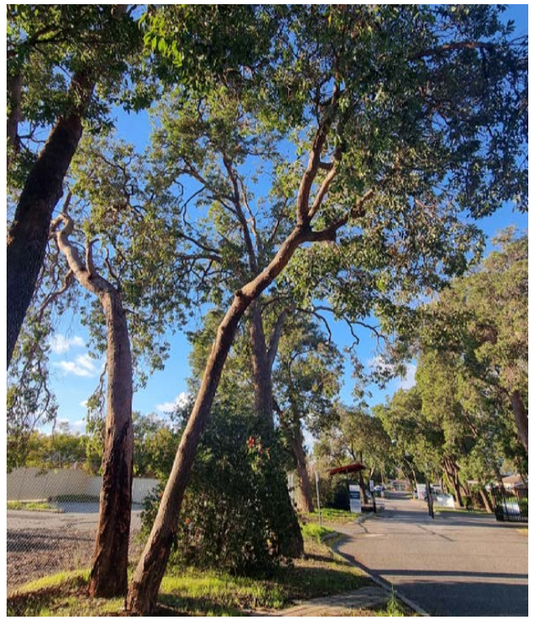


SMALL TREE
*Tristaniopsis laurina*
'Luscious'
8m H x 4m W
AUS native



SMALL TREE
*Callistemon Salignus*
(Willow Bottlebrush)
8m H x 4m W
AUS native







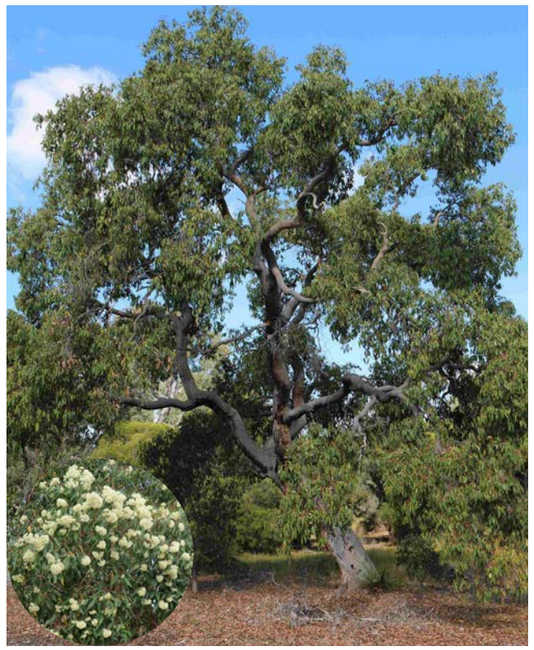


EXISTING TREES
*Corymbia calophylla* (Marri) and *Eucalyptus sp.*



EXISTING TREES
Marri trees

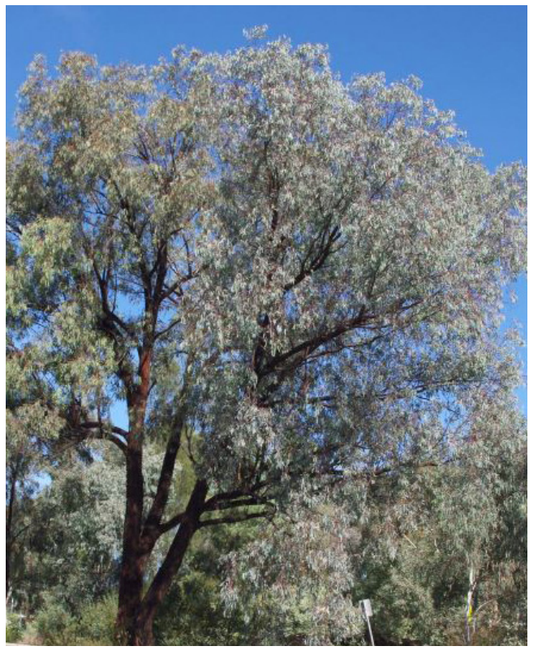
## LARGE - MEDIUM TREES



*Corymbia calophylla* (Marri tree) [Co-C]
15m H x 8m W
AUS native



*Eucalyptus accedens* (Smooth Bark Wandoo) [Eu-A]
10m H x 6m W
WA native



*Eucalyptus sideroxylon* (Red Ironbark) [Eu-S]
10m H x 8-10m W
AUS native



*Tristaniopsis laurina* 'Luscious' [Tr-L]
8m H x 4m W
AUS native

## SMALL TREES



*Hymenosporum flavum* (Native frangipani) [Hy-F]
15m H x 7m W
WA native



*Pittosporum angustifolium* (Native apricot) [Pi-A]
10m H x 5m
WA native



*Hakea laurina* [Ha-L]
6m H x 4m W
AUS native



*Agonis Flexuosa* 'Burgundy' (Dwarf Peppermint) [Ag-F]
4-6m H x 2-4m W
AUS native



SHRUB PLANTING
*Rhaphiolepsis indica* ‘Oriental Pearl’
1m H x 1m W
Full sun

Exotic



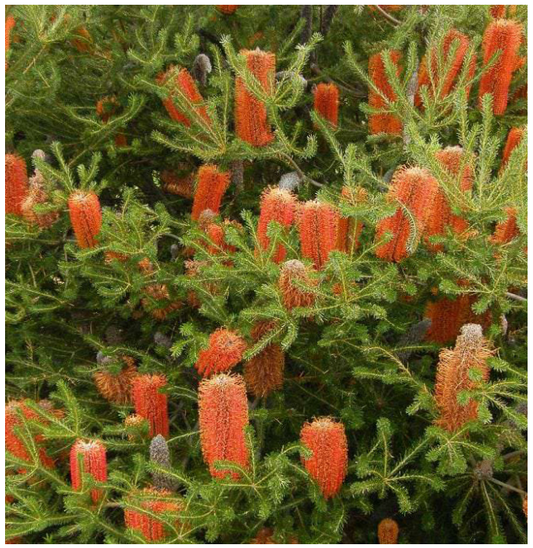
GROUNDCOVER PLANTING
*Myoporum parvifolium* (Creeping Boobialla)
0.3m H x 2m W
Full sun to part shade

WA native



FEATURE SHRUB
*Westringia* shrub mix
1.5m H x 1.5m W
Full sun to part shade

AUS native



GENERAL PLANTING
*Banksia dallanneyi* (Couch Honeypot)
0.8m H x 3m W
Full sun

WA native



GENERAL PLANTING
*Calothamnus quadrifidus* ‘Clean and Green’
1m H x 1m W
Full sun to part shade

AUS native



GENERAL PLANTING
*Adenanthos cuneatus* (Coastal Jugflower)
1m H x 1.5m W
Full sun

WA native



GENERAL PLANTING
*Ficinia nodosa* (Knobby Club Rush)
1m H x 1m W
Full sun

WA native



SHRUB PLANTING
*Rhaphiolepsis indica* ‘Oriental Pearl’
1m H x 1m W
Full sun

Exotic



GROUNDCOVER PLANTING
*Myoporum parvifolium* (Creeping Boobialla)
0.3m H x 2m W
Full sun to part shade

WA native



GENERAL PLANTING
*Astartea scoparia*
1.8m H x 1.5m W
Full sun to part shade

WA native



GENERAL PLANTING
*Taxandria linearifolia*
5m H x 3m W
Full sun to full shade

WA native



GENERAL PLANTING
*Ficinia nodosa* (Knobby Club Rush)
1m H x 1m W
Full sun

WA native



GENERAL PLANTING
*Lomandra longifolia* ‘Tanika’
0.5m H x 0.6m W
Full sun to part shade

AUS native



GENERAL PLANTING
*Paraserianthes lophantha* (Cape Wattle)
1.5-4m H x 1-2m W
Full sun to part shade

WA native



LARGE SHRUB / SMALL TREE PLANTING
*Cyathea cooperi* (Australian Tree Fern)
1.5-4m H x 2-4m W
Full sun to full shade

AUS native

# Indicative Softscape Palette _ Entry / Drop-Off



SHRUB PLANTING
*Rhaphiolepsis indica* ‘Oriental Pearl’
1m H x 1m W
Full sun

Exotic



GENERAL PLANTING
*Astartea scoparia*
1.8m H x 1.5m W
Full sun to part shade

WA native



GENERAL PLANTING
*Taxandria linearifolia*
5m H x 3m W
Full sun to full shade

WA native



GENERAL PLANTING
*Ficinia nodosa* (Knobby Club Rush)
1m H x 1m W
Full sun
WA native

GENERAL PLANTING
*Lomandra longifolia* ‘Tanika’
0.5m H x 0.6m W
Full sun to part shade

AUS native

# Indicative Softscape Palette _ Resident Forecourt



SHRUB PLANTING
*Rhaphiolepsis indica* ‘Oriental Pearl’
1m H x 1m W
Full sun

Exotic



SHRUB PLANTING
*Philodendron xanadu*
0.9m H x 0.7m W
Part shade to shade

Exotic



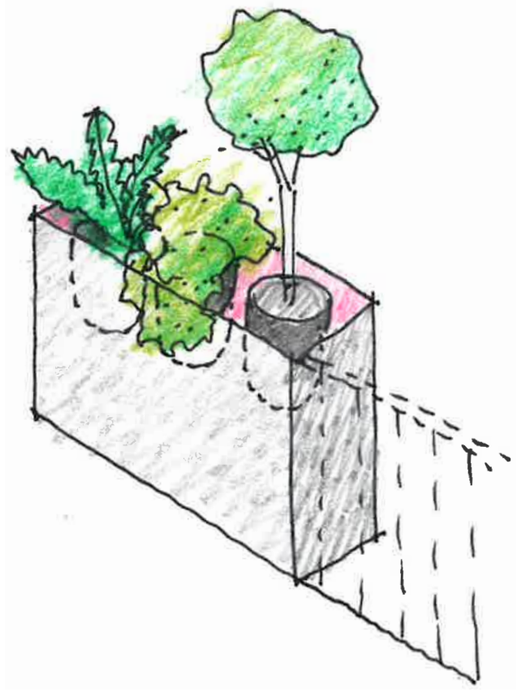
GENERAL PLANTING
*Ficinia nodosa* (Knobby Club Rush)
1m H x 1m W
Full sun

WA native



GENERAL PLANTING
*Lomandra longifolia* ‘Tanika’
0.5m H x 0.6m W
Full sun to part shade

AUS native



Private Residential Balconies - Integrated Planters with balustrades allowing residents to house their pot plants and a healthy height and to keep building elevation consistent