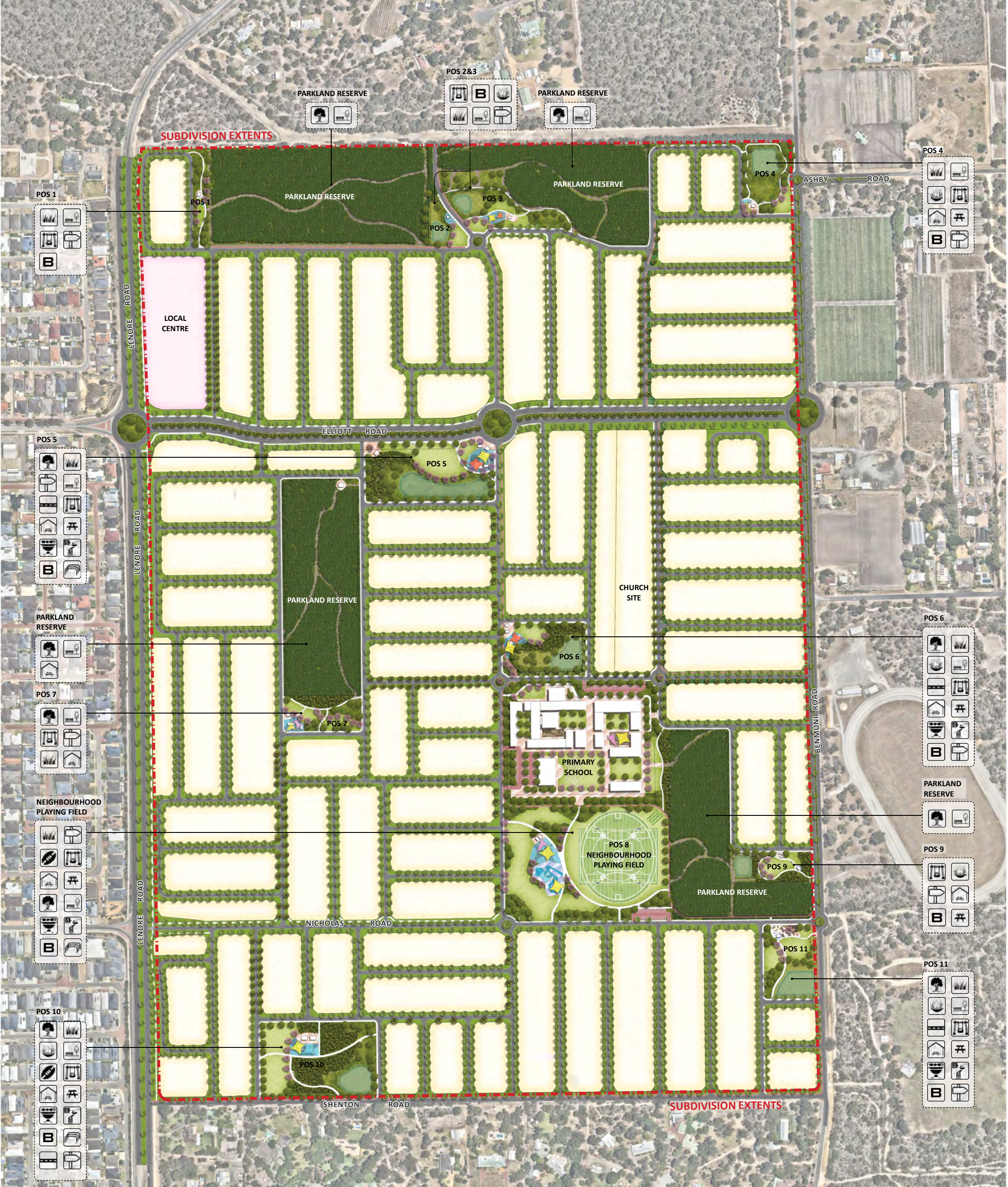




POS SPATIAL ACTIVITY PLAN

LEGEND

- EXTENT OF WORK
- EXISTING TREES
- OPEN TURF
- BASIN & SWALES

- BENCH SEAT
- PLAYING FIELD
- DUAL USE PATH
- BIN

- PLAYGROUND
- PARK SHELTER
- BBQ
- PICNIC SETTING

- PARK SIGN
- BIKE RACK
- DRINK FOUNTAIN



EAST WANNEROO PRECINCT 3
PRELIMINARY LANDSCAPE MASTERPLAN

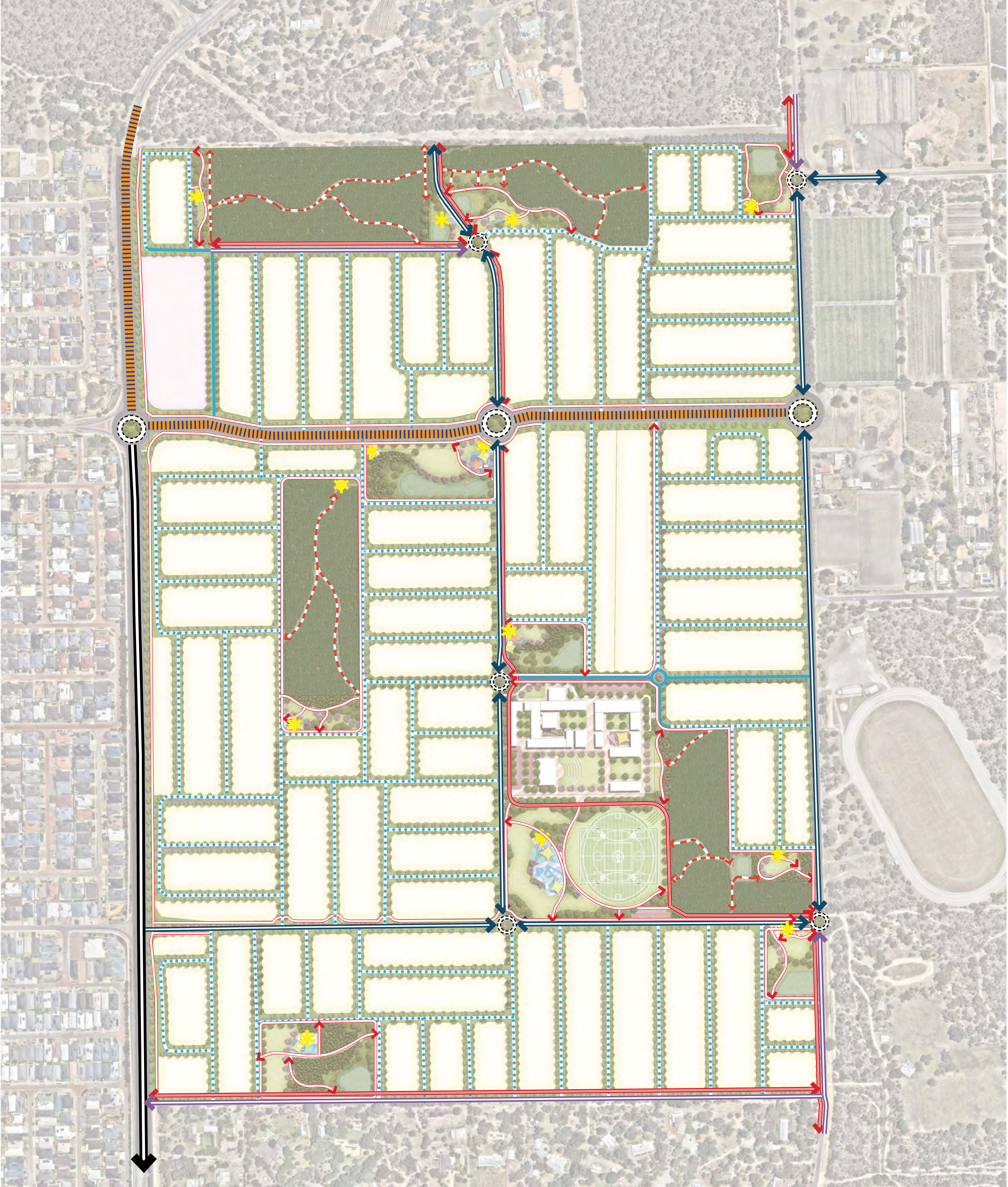


DWG EW01-1
REV C
DATE APRIL 2025

SCALE 1: 2500 @ A1

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CIRCULATION PLAN

LEGEND

- TRANSPORT CORRIDOR (45M)
- INTEGRATOR A (35M)
- NEIGHBOURHOOD CONNECTOR A (25M)
- NEIGHBOURHOOD CONNECTOR B (20M)

- ACCESS STREET B (17.9M)
- ACCESS STREET D (15.4M)
- DUAL USE PATH
- CONCRETE FOOTPATH CONNECTION

- CRUSHED LIMESTONE TRACK TO EXISTING CLEARING
- PROPOSED ROUNDABOUT
- SHADE STRUCTURE

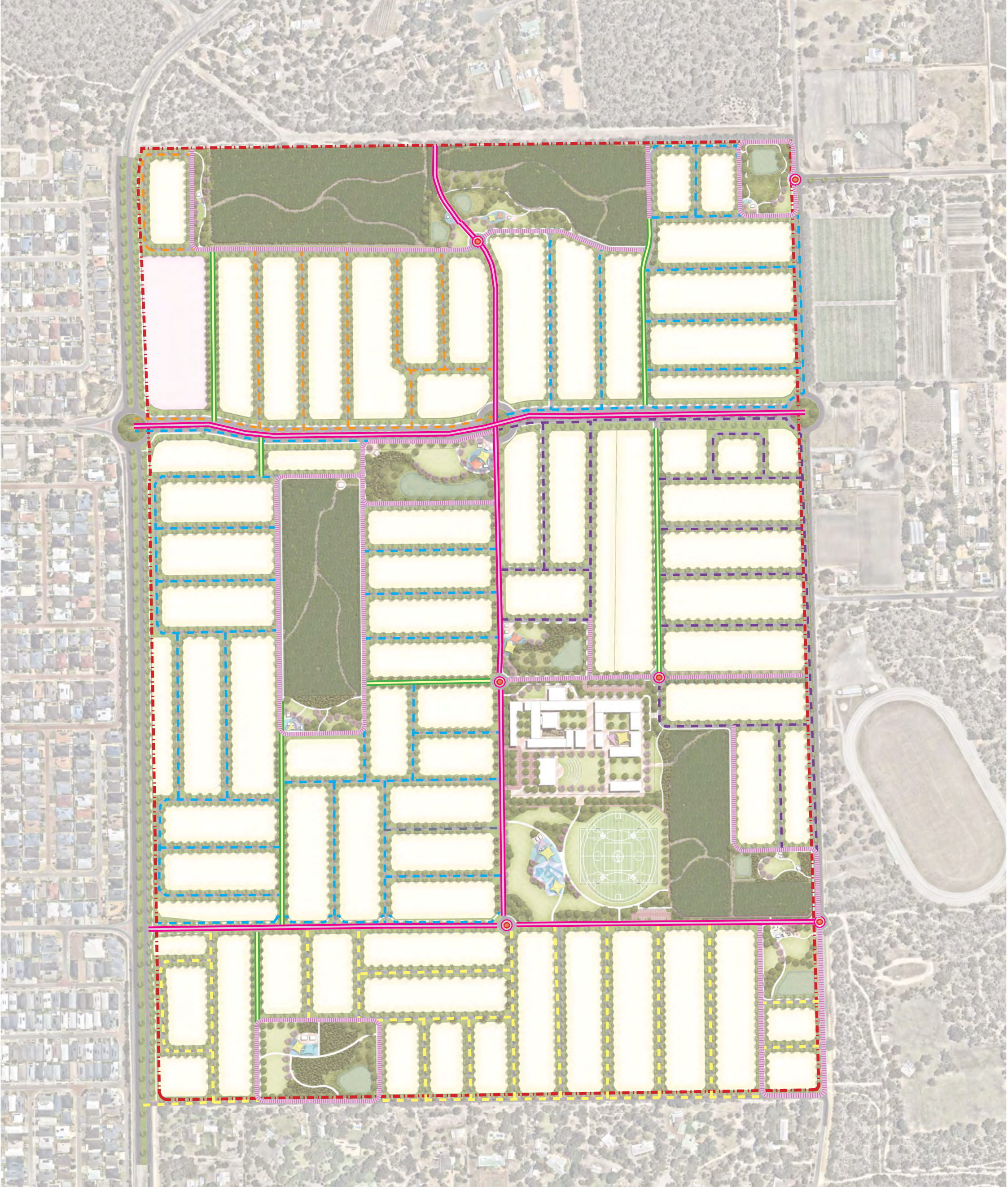


EAST WANNEROO PRECINCT 3
LANDSCAPE CIRCULATION PLAN

DWG EW01-2
REV C
DATE APRIL 2025
SCALE 1:2500 @ A1
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ASSOCIATES



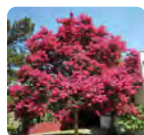
STREET TREE PLAN

TRANSPORT CORRIDOR



Olea europea
Swan Hill (Fruitless Olive)

NEIGHBOURHOOD CONNECTOR



Lagerstroemia indica
Crepé-myrtle



Jacaranda mimosifolia
Jacaranda

ACCESS STREET



Callistemon 'KPS'
Kings Park Special



Cupaniopsis anacardioides
Tuckeroo



Agonis flexuosa
WA Peppermint



Callistemon viminalis
Weeping Bottlebrush

GREEN STREET



Eucalyptus marginata
Jarrah



EAST WANNEROO PRECINCT 3 LANDSCAPE STREET TREE PLAN



DWG EW01-3
REV C
DATE APRIL 2025

SCALE 1: 2500 @ A1

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POS 1, 2 & 3

POS 1 TYPOLOGY

- Pocket POS

SIZE

- 0.2382 ha excl Parkland Reserve

POS 2 TYPOLOGY

- Pocket POS

SIZE

- 0.2339 ha excl Parkland Reserve

POS 3 TYPOLOGY

- Pocket POS

SIZE

- 0.6817 ha excl Parkland Reserve

POS 1, 2 & 3 CONCEPT

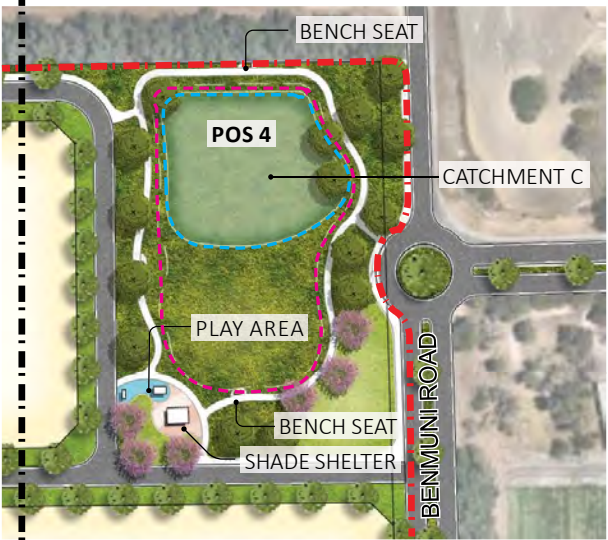
- Footpath connections through the POS to improve connectivity and walkability
- Provide informal tracks through existing vegetation
- Picnic areas, bench seats, shade structures and play space

FUNCTIONS / MATERIALS

- Open grassed areas for passive recreation
- Shade sails to feature playground
- Shelter & picnic settings
- Bench seats to provide rest point
- Water-wise native planting and planting
- Drainage areas per LWMS

ENVIRONMENTAL CONSIDERATIONS

- Significant existing trees to be retained where possible
- Carnaby black cockatoo habitat
- Source local materials where possible to minimise transport requirements and provide local employment.
- Consider long-term maintenance requirements.
- No management or modification to Parkland Reserve vegetation except 3m wide perimeter firebreaks. Where existing, firebreak to be maintained.
- POS Landscape design to achieve low threat as per AS 3959 and will include low fuel planting, as required



DRAINAGE LEGEND - CATCHMENT F	
FIRST 15mm EVENT	
Depth(m):	0.3
Base Area(m²):	1,260
Volume(m³):	377
Slope:	1:6
1% AEP EVENT	
Depth(m):	1.17
TWL Area(mAHD):	2,221
Volume(m³):	2,646
Slope:	1:6

POS 4

POS 4 TYPOLOGY

- Local POS

SIZE

- 0.6734 ha

POS 4 CONCEPT

- Open turf to provide passive recreation
- Picnic areas, bench seats, shade structures and play space
- Footpath connections through the POS to improve connectivity and walkability
- Shade trees to be planted along footpath connections

FUNCTIONS / MATERIALS

- Footpath connection to the broader network
- Open grassed areas for passive recreation
- Shade sails to feature playground
- Shelter & picnic settings
- Bench seats to provide rest point
- Drainage areas per LWMS

ENVIRONMENTAL CONSIDERATIONS

- Significant existing trees to be retained where possible
- POS Landscape design to achieve low threat as per AS 3959 and will include low fuel planting, as required
- Water-wise native planting and planting
- Source local materials where possible to minimise transport requirements and provide local employment.
- Consider long-term maintenance requirements.

DRAINAGE LEGEND - CATCHMENT C	
FIRST 15mm EVENT	
Depth(m):	0.3
Base Area(m²):	1,680
Volume(m³):	501
Slope:	1:6
1% AEP EVENT	
Depth(m):	1.19
TWL Area(mAHD):	3,443
Volume(m³):	3,020
Slope:	1:6



LANDSCAPE MASTERPLAN

LEGEND

EXTENT OF WORK	CONCRETE FOOTPATH	PROPOSED BASINS	STREET TREES
PROPOSED LOTS	CRUSHED LIMESTONE TRACK	RETAINED VEGETATION	PROPOSED TREES
SHELTER & PICNIC AREA	TURF	VERGE TREATMENT	BIORETENTION BASIN TWL
PLAYGROUND	SHRUB PLANTING	GREEN STREET	FLOOD STORAGE AREA



LOCATION PLAN

POS 5

- POS 5 TYPOLOGY**
- Neighbourhood POS
- SIZE**
- 1.3850 ha

- POS 5 CONCEPT**
- Footpath connections through the POS to improve connectivity and walkability
 - Provide informal tracks through existing vegetation
 - Picnic areas, bench seats, shade structures and play space
 - Bike track to improve connectivity and cyclability

- FUNCTIONS / MATERIALS**
- Open grassed areas for passive recreation
 - Shade sails to feature playground
 - Shelter & picnic settings
 - Bench seats to provide rest point
 - Drainage areas per LWMS

- ENVIRONMENTAL CONSIDERATIONS**
- Significant existing trees to be retained where possible
 - Carnaby black cockatoo habitat
 - POS Landscape design to achieve low threat as per AS 3959 and will include low fuel planting, as required
 - Water-wise native planting and planting

POS 6

- POS 6 TYPOLOGY**
- Local POS
- SIZE**
- 0.8030 ha

- POS 6 CONCEPT**
- Footpath connections through the POS to improve connectivity and walkability
 - Provide informal tracks through existing vegetation
 - Picnic areas, bench seats, shade structures and play space
 - Bike track to improve connectivity and cyclability
 - Ensure pedestrian and bike connections are provided to the primary school for safe and convenient access

- FUNCTIONS / MATERIALS**
- Open grassed areas for passive recreation
 - Shade sails to feature playground
 - Shelter & picnic settings
 - Bench seats to provide rest point
 - Drainage areas per LWMS

- ENVIRONMENTAL CONSIDERATIONS**
- Significant existing trees to be retained where possible
 - Carnaby black cockatoo habitat
 - POS Landscape design to achieve low threat as per AS 3959 and will include low fuel planting, as required
 - Water-wise native planting and planting

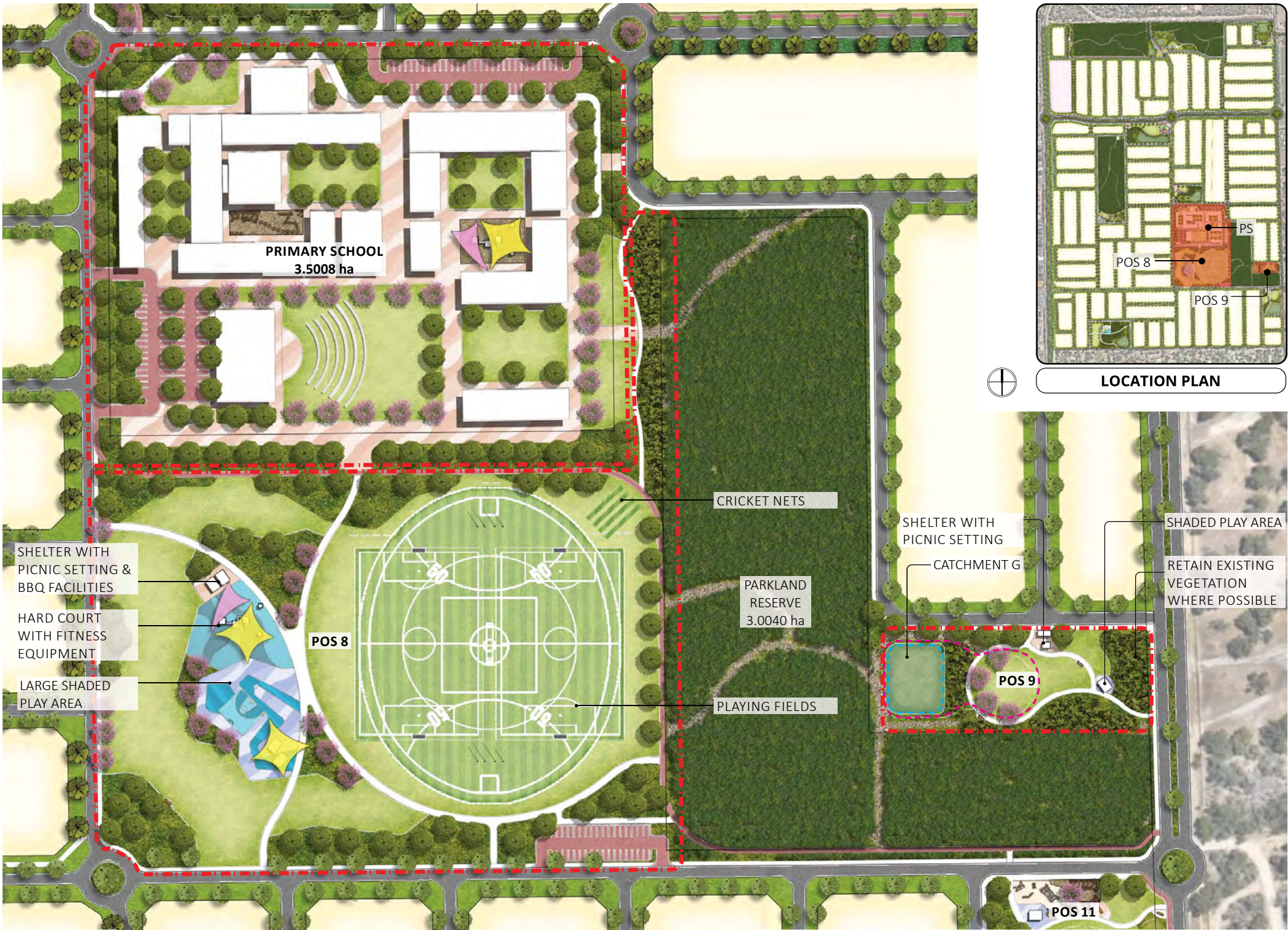
DRAINAGE LEGEND - CATCHMENT A	
FIRST 15mm EVENT ----	
Depth(m):	0.3
Base Area(m ²):	3,550
Volume(m ³):	1,067
Slope:	1:6
1% AEP EVENT ----	
Depth(m):	1.17
TWL Area(mAHD):	6,675
Volume(m ³):	6,115
Slope:	1:6

DRAINAGE LEGEND - CATCHMENT B	
FIRST 15mm EVENT ----	
Depth(m):	0.3
Base Area(m ²):	1,770
Volume(m ³):	530
Slope:	1:6
1% AEP EVENT ----	
Depth(m):	1.19
TWL Area(mAHD):	3,701
Volume(m ³):	3,287
Slope:	1:6



LANDSCAPE MASTERPLAN

LEGEND			
----	EXTENT OF WORK		CONCRETE FOOTPATH
	PROPOSED LOTS		CRUSHED LIMESTONE TRACK
	SHELTER & PICNIC AREA		TURF
	PLAYGROUND		SHRUB PLANTING
	PROPOSED BASINS		RETAINED VEGETATION
	VERGE TREATMENT		GREEN STREET
	STREET TREES		PROPOSED TREES
----	BIORETENTION BASIN TWL	----	FLOOD STORAGE AREA



NEIGHBOURHOOD PLAYING FIELD (POS 8), POS 9 & PRIMARY SCHOOL

NEIGHBOURHOOD SPORTS POS

- Sport POS

SIZE

- 4.5003 ha excl Parkland Reserve

NEIGHBOURHOOD PLAYING FIELDS CONCEPT

- Playing field providing activity area for residents & adjacent Primary School
- Be collocated with primary school facilities
- Multi-goal half court to provide basketball hoop, hit-up wall and opportunity of murals
- Dual use path to provide cyclists and pedestrian connection
- All age playground
- Shade structures & BBQ facilities
- Bench seats to provide rest point

FUNCTIONS / MATERIALS

- Significant existing trees to be retained
- Playing fields inc 1x AFL Senior Oval & Cricket Pitches
- Open turf spaces for outdoor activity
- Connected path to open space perimeter, with connections to the broader path network
- Drainage areas per LWMS

ENVIRONMENTAL CONSIDERATIONS

- Significant existing trees to be retained where possible
- Carnaby black cockatoo habitat
- POS Landscape design to achieve low threat as per AS 3959 and will include low fuel planting, as required
- Water-wise native planting and planting
- Consider long-term maintenance requirements.
- No management or modification to Parkland Reserve vegetation except 3m wide perimeter firebreaks. Where existing, firebreak to be maintained.

POS 9 TYPOLOGY

- POCKET PARK

SIZE

- 0.4809 ha excl Parkland Reserve

POS 9 CONCEPT

- Footpath connections through the POS to improve connectivity and walkability
- Provide informal tracks through existing vegetation
- Picnic areas, bench seats, shade structures and play space

FUNCTIONS / MATERIALS

- Open grassed areas for passive recreation
- Shade sails to feature playground
- Shelter & picnic settings
- Bench seats to provide rest point
- Provide informal tracks through existing vegetation
- Drainage areas per LWMS

DRAINAGE LEGEND - CATCHMENT G	
FIRST 15mm EVENT	
Depth(m):	0.3
Base Area(m²):	750
Volume(m³):	225
Slope:	1:6
1% AEP EVENT	
Depth(m):	1.17
TWL Area(mAHD):	1,823
Volume(m³):	1,448
Slope:	1:6



LANDSCAPE MASTERPLAN

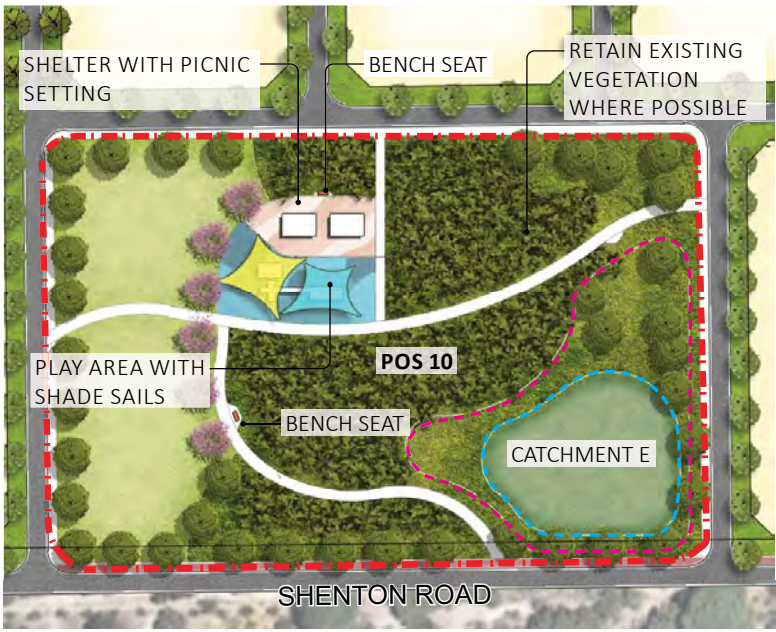
LEGEND

- EXTENT OF WORK
- PROPOSED LOTS
- SHELTER & PICNIC AREA
- PLAYGROUND

- CONCRETE FOOTPATH
- CRUSHED LIMESTONE TRACK
- TURF
- SHRUB PLANTING

- PROPOSED BASINS
- RETAINED VEGETATION
- VERGE TREATMENT
- GREEN STREET

- STREET TREES
- PROPOSED TREES
- BIORETENTION BASIN TWL
- FLOOD STORAGE AREA



POS 10 & 11

POS 10 TYPOLOGY

- Neighbourhood POS

SIZE

- 1.7317 ha

FUNCTIONS / MATERIALS

- Open grassed areas for passive recreation
- Shade sails to feature playground
- Shelter & picnic settings
- Bench seats to provide rest point
- Drainage areas per LWMS

POS 10 CONCEPT

- Footpath connections through the POS to improve connectivity and walkability
- Provide informal tracks through existing vegetation
- Picnic areas, bench seats, shade structures and play space
- Bike track to improve connectivity and cyclability

DRAINAGE LEGEND - CATCHMENT E	
FIRST 15mm EVENT	
Depth(m):	0.3
Base Area(m²):	1,260
Volume(m³):	375
Slope:	1:6
1% AEP EVENT	
Depth(m):	1.18
TWL Area(mAHD):	2,578
Volume(m³):	2,175
Slope:	1:6

DRAINAGE LEGEND - CATCHMENT D	
FIRST 15mm EVENT	
Depth(m):	0.3
Base Area(m²):	2,030
Volume(m³):	609
Slope:	1:6
1% AEP EVENT	
Depth(m):	1.18
TWL Area(mAHD):	4,399
Volume(m³):	3,837
Slope:	1:6

POS 11 TYPOLOGY

- Local POS

SIZE

- 0.7101 ha excl Parkland Reserve

POS 11 CONCEPT

- Footpath connections through the POS to improve connectivity and walkability
- Provide informal tracks through existing vegetation
- Picnic areas, bench seats, shade structures and play space
- Bike track to improve connectivity and cyclability

FUNCTIONS / MATERIALS

- Open grassed areas for passive recreation
- Shade sails to feature playground
- Shelter & picnic settings
- Bench seats to provide rest point
- Drainage areas per LWMS



ENVIRONMENTAL CONSIDERATIONS

- Significant existing trees to be retained where possible
- POS Landscape design to achieve low threat as per AS 3959 and will include low fuel planting, as required
- Water-wise native planting and planting



LANDSCAPE MASTERPLAN

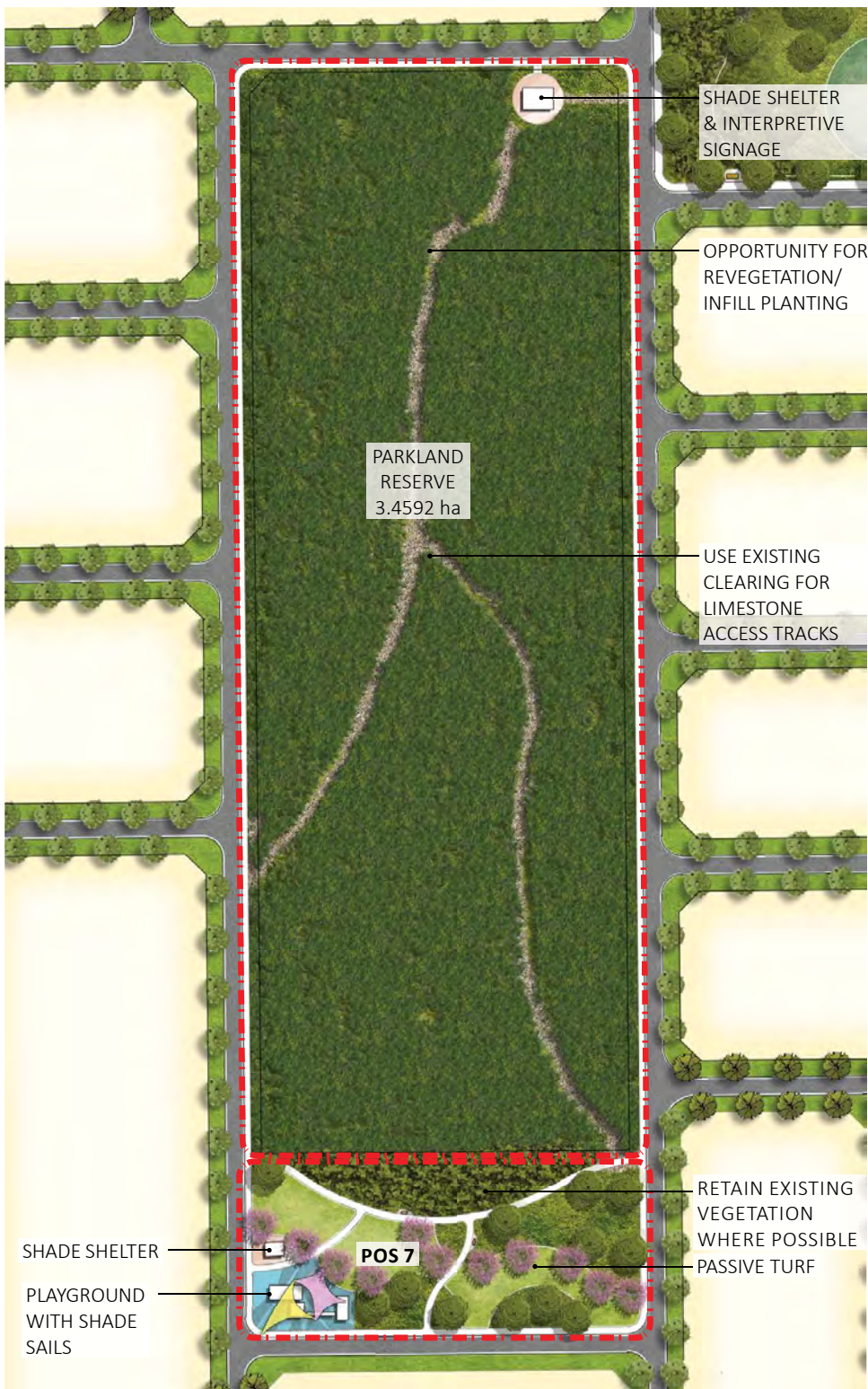
LEGEND

- EXTENT OF WORK
- PROPOSED LOTS
- SHELTER & PICNIC AREA
- PLAYGROUND

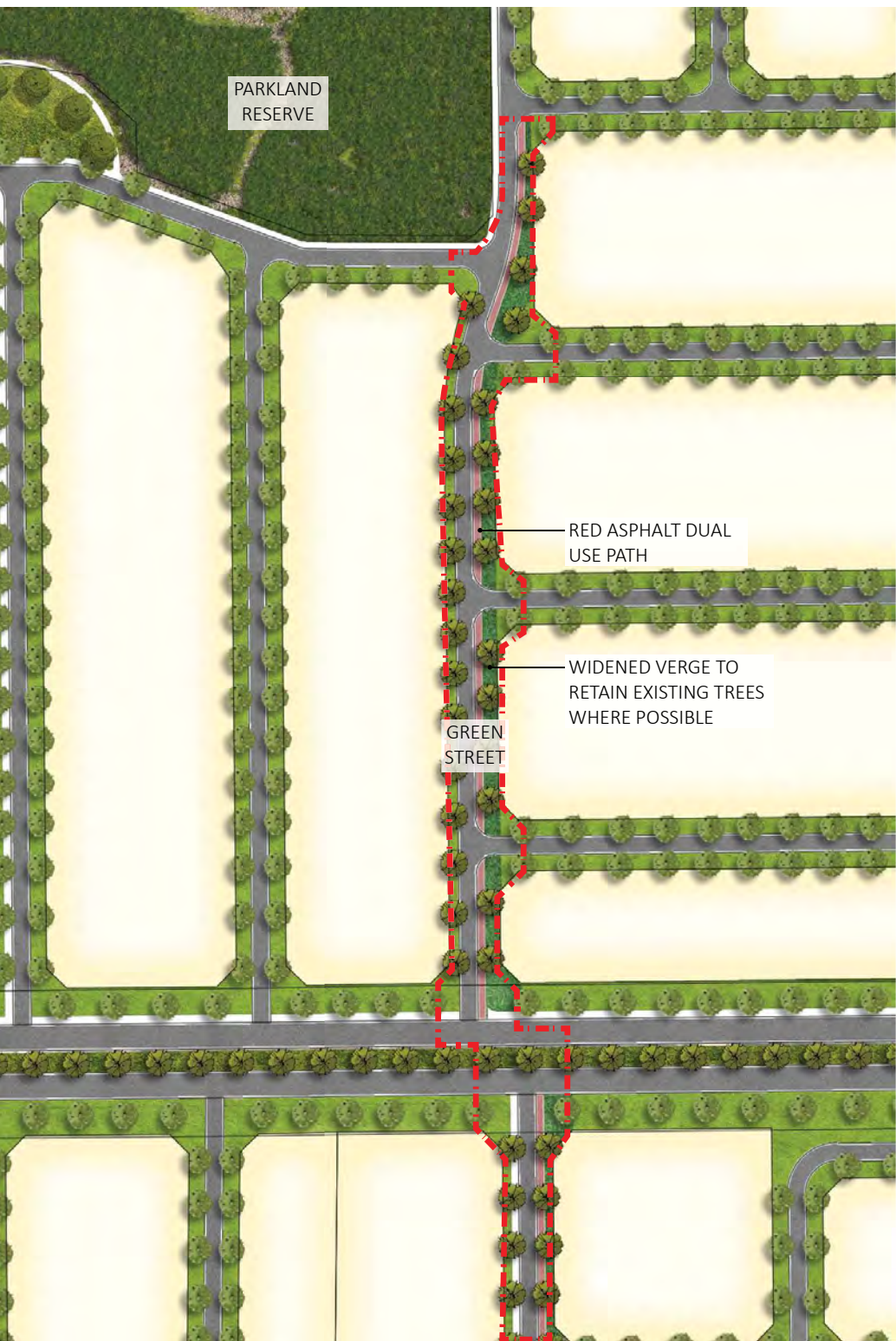
- CONCRETE FOOTPATH
- CRUSHED LIMESTONE TRACK
- TURF
- SHRUB PLANTING

- PROPOSED BASINS
- RETAINED VEGETATION
- VERGE TREATMENT
- GREEN STREET

- STREET TREES
- PROPOSED TREES
- BIORETENTION BASIN TWL
- FLOOD STORAGE AREA



POS 7 & PARKLAND RESERVE



GREEN STREET EXAMPLES



GREEN STREET

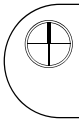
GREEN STREET TYPOLOGY Road Reserve	ENVIRONMENTAL CONSIDERATIONS - Significant existing trees to be retained - Carnaby black cockatoo habitat - Source local materials where possible to minimise transport requirements and provide local employment. - Consider long-term maintenance requirements. - No management or modification to Parkland Reserve vegetation except 3m wide perimeter firebreaks. Where existing, firebreak to be maintained. - POS & Green Street Landscape design to achieve low threat as per AS 3959 and will include low fuel planting, as required
GREEN STREET CONCEPT - D.U.P through verge to provide safe & comfortable pedestrian connection throughout Estate - Widened verges to retain existing significant trees & vegetation in streetscapes - Provide seating & rest nodes	
FUNCTIONS / MATERIALS - Bench seats & feature hardstand areas - Dual use path connections - Shade trees to line pedestrian pathways	



LOCATION PLAN



POS 7 CONCEPT - POS 7 SIZE 0.5397 ha excl Parkland Reserve	POS 7 CONCEPT - Footpath connections through the POS to improve connectivity and walkability - Provide access to informal tracks through existing vegetation - Picnic areas, bench seats, shade structures and play space - Playground on rubber softfall with shade sails
FUNCTIONS / MATERIALS - Open grassed areas for passive recreation - Shade sails to feature playground - Shelter & picnic settings - Bench seats to provide rest point - Drainage areas per LWMS	



POS 1 (0.2382ha)

(POCKET PARK) INCLUDES: NATURAL TRACKS THROUGH PARKLAND RESERVE. DUAL USE PATH CONNECTIONS, BENCH SEATING, OPEN TURF WITH SMALL PLAYGROUND & SHADE STRUCTURE

POS 2 (0.2339ha)

(POCKET PARK) INCLUDES: NATURAL TRACKS THROUGH PARKLAND RESERVE. DUAL USE PATH CONNECTIONS, BENCH SEATING, OPEN TURF WITH SMALL PLAYGROUND & SHADE STRUCTURE. DRAINAGE BASIN AS PER LWMS DESIGN

POS 3 (0.6817ha)

(LOCAL POS) INCLUDES: NATURAL TRACKS THROUGH PARKLAND RESERVE. DUAL USE PATH CONNECTIONS, BENCH SEATING, OPEN TURF WITH SMALL PLAYGROUND & SHADE STRUCTURE. DRAINAGE BASIN AS PER LWMS DESIGN

POS 4 (0.6734ha)

(LOCAL POS) INCLUDES: PEDESTRIAN NETWORK WHICH CONNECTS INTO BROADER DEVELOPMENT. OPEN TURF AREA FOR PASSIVE RECREATION. BUFFER PLANTING BETWEEN ROAD. DRAINAGE BASIN AS PER LWMS DESIGN

POS 5 (1.3850ha)

(NEIGHBOURHOOD POS) INCLUDES: DUAL-USE PATH FOR BOTH PEDESTRIANS AND CYCLISTS, FEATURE OPEN TURF SPACE FOR ACTIVE / PASSIVE RECREATION. PARK SHELTER WITH PICNIC SETTING & BBQ FACILITIES. PLAYGROUND WITH SHADE SAILS.

POS 6 (0.8030ha)

(LOCAL POS) INCLUDES: PEDESTRIAN NETWORK WHICH CONNECTS INTO BROADER DEVELOPMENT. OPEN TURF AREA TO PROVIDE PASSIVE RECREATION. PARK SHELTER WITH PICNIC SETTING. PLAYGROUND WITH SHADE SAILS. DRAINAGE BASIN AS PER LWMS DESIGN

POS 7 (0.5397ha)

(LOCAL POS) INCLUDES: NATURE PLAYGROUND FOR KIDS, SHADE SHELTER WITH PICNIC SETTINGS, TURF AREA FOR PASSIVE RECREATION. DRAINAGE BASIN AS PER LWMS DESIGN

POS 8 NEIGHBOURHOOD SPORTS POS (4.5003ha)

(SPORT POS) INCLUDES: RED ASPHALT DUAL USE PATH AROUND SPORTING FIELD, BENCH SEATING, OPEN TURF FOR ACTIVE RECREATION, NATURAL TRACKS THROUGH PARKLAND RESERVE, FITNESS EQUIPMENT, MULTIPURPOSE SENIOR SPORTS OVAL, CAR PARKING.

POS 9 (0.4809ha)

(POCKET PARK) INCLUDES: NATURAL TRACKS THROUGH PARKLAND RESERVE. DUAL USE PATH CONNECTIONS, BENCH SEATING, OPEN TURF WITH SMALL PLAYGROUND & SHADE STRUCTURE. DRAINAGE BASIN AS PER LWMS DESIGN

POS 10 (1.7317ha)

(NEIGHBOURHOOD POS) INCLUDES: DUAL-USE PATH FOR BOTH PEDESTRIANS AND CYCLISTS, FEATURE OPEN TURF SPACE FOR ACTIVE / PASSIVE RECREATION. PARK SHELTER WITH PICNIC SETTING. PLAYGROUND WITH SHADE SAILS. DRAINAGE BASIN AS PER LWMS DESIGN

POS 11 (0.7101ha)

(LOCAL POS) INCLUDES: DUAL-USE PATH FOR BOTH PEDESTRIANS AND CYCLISTS, FEATURE OPEN TURF SPACE FOR ACTIVE / PASSIVE RECREATION. PARK SHELTER WITH PICNIC SETTING. PLAYGROUND WITH SHADE SAILS. DRAINAGE BASIN AS PER LWMS DESIGN

ESTIMATED IRRIGATION USAGE	
- No irrigation to drainage basins	
- 2 year establishment period	
- TURF: 6750 kl/ha/yr (Permanent)	
-GARDEN BED: 3750 kl/ha/yr (Establishment)	
POS 1	
Permanent:	610 kl/yr
Establishment:	678 kl/yr
POS 2:	
Permanent:	600 kl/yr
Establishment:	665 kl/yr
POS 3:	
Permanent:	1,746 kl/yr
Establishment:	1,940 kl/yr
POS 4:	
Permanent:	1,725 kl/yr
Establishment:	1,916 kl/yr
POS 5:	
Permanent:	3,548 kl/yr
Establishment:	3,942 kl/yr
POS 6:	
Permanent:	1,890 kl/yr
Establishment:	2,940 kl/yr
POS 7:	
Permanent:	2,057 kl/yr
Establishment:	2,285 kl/yr
POS 8(PLAYING FIELDS):	
Permanent:	20,960 kl/yr
Establishment:	12,809 kl/yr
POS 9:	
Permanent:	1,134 kl/yr
Establishment:	1,764 kl/yr
POS 10:	
Permanent:	4,436 kl/yr
Establishment:	4,929 kl/yr
POS 11:	
Permanent:	1,819kl/yr
Establishment:	2,021kl/yr

POS TREES



Melaleuca leucadendron
Weeping Paperbark



Eucalyptus gomphocephala
Tuart



Lagerstroemia indica
Crepe-myrtle



Jacaranda mimosifolia
Jacaranda



Olea europea
Swan Hill (Fruitless Olive)



Callistemon 'KPS'
Kings Park Special



Eucalyptus torquata
Coral Gum



Agonis flexuosa
WA Peppermint



Cupaniopsis anacardioides
Tuckeroo



Banksia ashbyii
Ashby Banksia

REVEGETATION PLANTING



Anigozanthos manglesii



Adenanthos cygnorum



Banksia grandis



Anigozanthos manglesii



Austrostipa compressa



Conostylis aculeata



Baumea juncea



Beaufortia squarrosa



Darwinia citriodora



Dampiera linearis



Juncus pallidus



Kennedia prostrata



Juncus pallidus



Kennedia prostrata



Verticordia densiflora



Kunzea recurva



Melaleuca thymoides



Patersonia occidentalis

SHRUB PLANTING



Olearia axillaris



Rhagodia baccata



Darwinia citriodora



Acacia lasiocarpa



Conostylis aculeata ssp. preissii



Dianella revoluta



Dianella cassa blue



Eremophila glabra



Lepidosperma calcicola



Dampiera linearis



Eremophila maculata



Grevillea crithmifolia



Lepidosperma gladiatum



Lomandra longifolia



Meeboldina scariosa



Grevillea thelemanniana



Hemiandra pungens



Patersonia occidentalis

