# MARCH 2015 LOT 746-545 BALDIVIS ROAD MIRVAC Local Structure Plan Rev H





### FIGURE 1 - LANDSCAPE STRATEGY



#### PUBLIC OPEN SPACE SUMMARY

#### FEATURE PARK

- · Large expansive turf area for active recreation
- Centrally located and easily accessible to the entire community •
- Large gathering spaces to cater for community events
- · Large play space and fitness nodes catering for all ages
- · Pedestrian/Cycle Path network links into adjacent development.

#### NEIGHBOURHOOD INFORMAL

- Balance of native planted pockets and open turf areas
- Large gathering nodes with BBQ/picnic facilities Nature play and fitness nodes (to selected POS only)
- Pedestrian/Cycle path network links into adjacent developments
- Informal active recreation space

#### LOCAL INFORMAL

- · Predominantly native planted areas with pockets of turf
- · Small gathering nodes and basic picnic/BBQ facilities
- · Path network which links into adjacent developments & POS
- · Primary focus on passive recreation

#### TRAMWAY TYPOLOGY

- Retain and protect all existing native vegetation
- Pocket planting of revegetation species Informal path network links to development
- & greater Tramway path system.

#### ONGOING MAINTENANCE

All Public Open Space within 746-545 are to be maintained as managed Parklands. Imagery of maintained parkland is as shown and referenced on pages POS C&D. Refer to Bushfire Hazard Assessment for further detail.



#### LOT 746-545 BALDIVIS ROAD, MIRVAC LOCAL STRUCTURE PLAN

MI-01 REV H (MARCH 2015)



## FIGURE 2 - LANDSCAPE MASTER PLAN





PLAYFUL



CONSIDERED



COMFORTABLE



CONNECTED

#### LEGEND

- (1) ENTRY AREA
- 2 WIDENED LANDSCAPE VERGE
- (3) PROPOSED GATHERING SPACE
- 4 OPEN KICKABOUT SPACE
- (5) **BIO-RETENTION AREAS**
- 6 PRIMARY SCHOOL OVAL
- (7)DESIGN TO ADJACENT POS





## FIGURE 3 - STREET TREE MASTER PLAN





Agonis flexuosa -WA Peppermint



Tipuana tipu -Rosewood





Melaleuca quinquernervia -Broad Leaved Paperbark



Corymbia ficifolia -Red Flowering Gum

Note:

Street trees located in Public Open Space areas with Building Protection Zone considerations are to apply to the relevant tree canopy separation requirements

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## FIGURE 4 - POS TREE PLANTING PALETTE





Agonis flexuosa



Banksia grandis



Melaleuca quinquernervia



Banksia attenuata



Banksia menziesii



Melaleuca lanceolata





Eucalyptus gomphocephala



Melaleuca preissiana





Eucalyptus rudis



Xanthorrrhoea preissii





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## FIGURE 6- POS B CONCEPT

#### POS TYPOLOGY

- Neighbourhood Informal
- SIZE (excluding verges)
- .74 Hectares

#### CONCEPT

- Provide a Neighbourhood Park to cater for residents within a 200-400m walkable catchment
- Provide a park with a balance of native planting and open turf areas for recreation.
- Provide connection through the site via a cycle/pedestrian pathway which also links to the broader POS network.

#### **FUNCTIONS**

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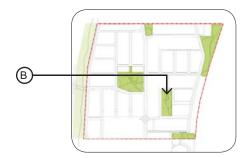
- Turf informal kick-about areas
- Native waterwise vegetation .
- Maximise shade trees .
- Picnic facilities for family/friend gatherings .
  - Play elements for all ages
- Path network connecting into broader path network . .
  - Drainage

#### ENVIRONMENTAL CONSIDERATIONS

- Waterwise native planting
- Planting design to be zoned according to irrigation requirement, with full irrigation requirements to the informal turf playing area
- Dry garden with gravel mulch, clumping plans and limited . irrigation
- Source local materials where possible
- Consider the long term maintenance requirements for all materials

#### DRAINAGE CONSIDERATIONS

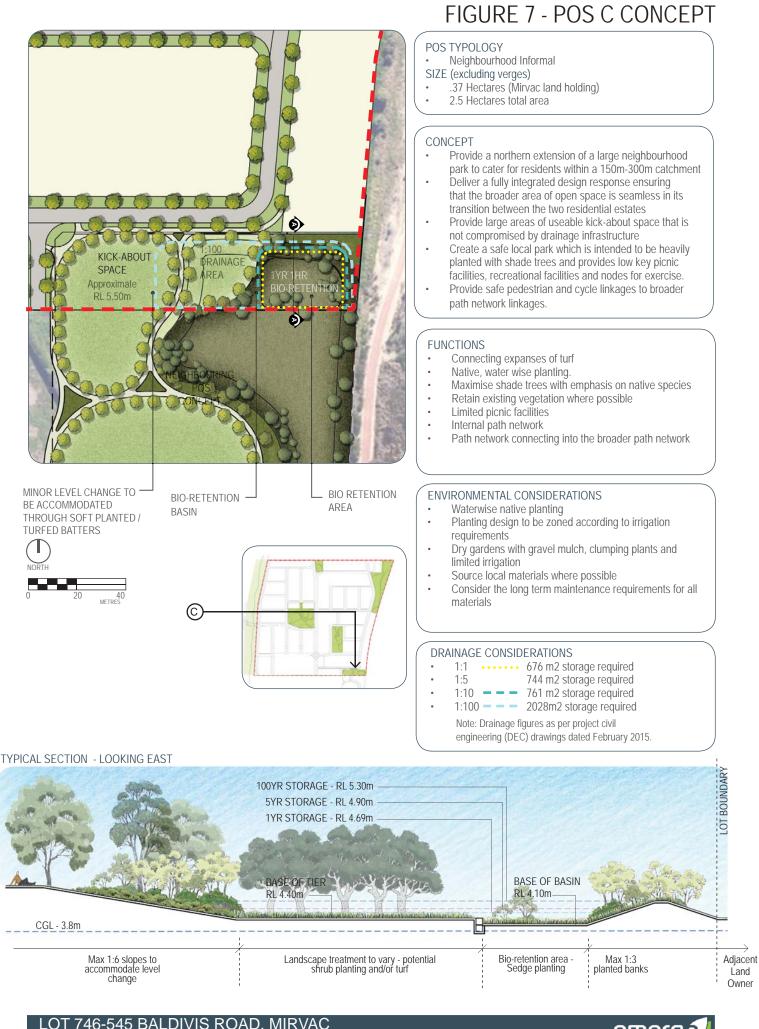
- 1352 m2 storage required 1:1 1:5 1556 m2 storage required . 1556 m2 storage required . 1:10 1:100 \_ \_ \_ 3465 m2 storage required
  - Note: Drainage figures as per project civil
  - engineering (DEC) drawings dated February 2015.



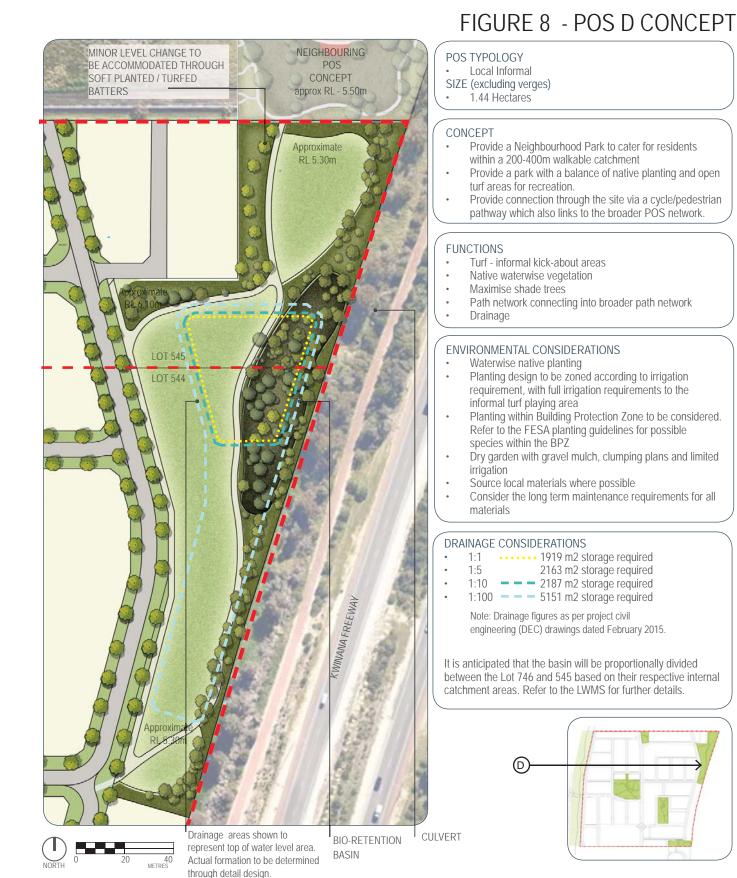


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METRE

### THROUGH SOFT PLANTED / TURFED BATTERS

## FIGURE 9 - POS E CONCEPT

#### POS TYPOLOGY

- Local Informal SIZE (excluding verges)
- .10 Hectares

#### CONCEPT

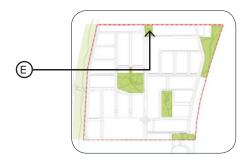
- Provide a Neighbourhood Park to cater for residents within a 200-400m walkable catchment
- Provide a park with a balance of native planting and open turf areas for recreation.
- Provide connection through the site via a cycle/pedestrian pathway which also links to the broader POS network.

#### FUNCTIONS

- Turf for passive surveillance
- Native waterwise vegetation
- Maximise shade trees
- Path network connecting into broader path network

#### ENVIRONMENTAL CONSIDERATIONS

- Waterwise native planting
- . Planting design to be zoned according to irrigation requirement, with full irrigation requirements to the
- informal turf playing area Planting within Building Protection Zone to be considered. . Refer to the FESA planting guidelines for possible species within the BPZ
- Dry garden with gravel mulch, clumping plans and limited . irrigation
- Source local materials where possible .
- . Consider the long term maintenance requirements for all materials

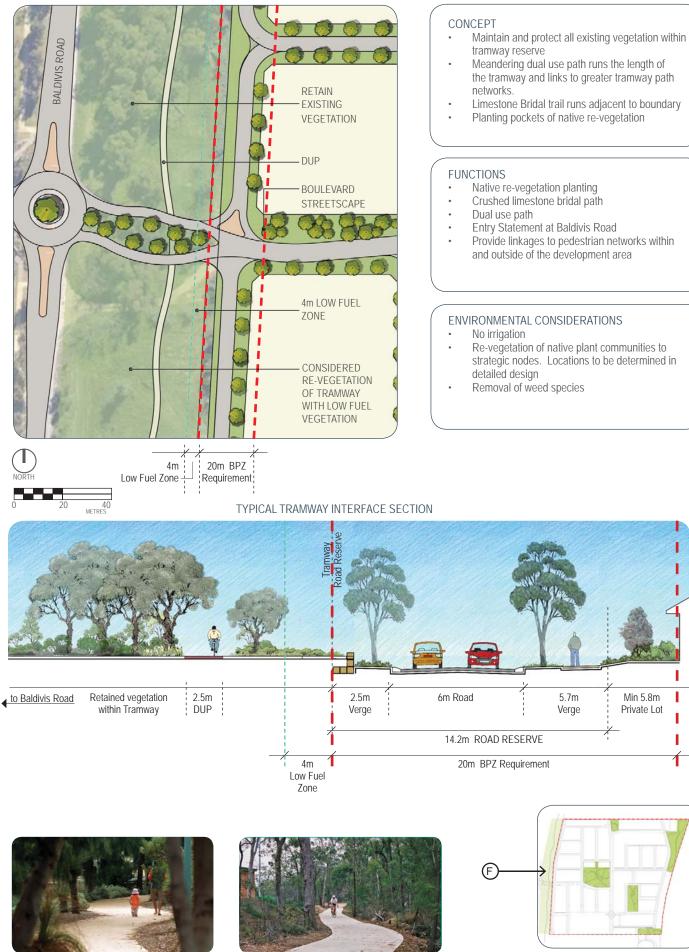




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## FIGURE 10 - TRAMWAY TYPOLOGY PLAN



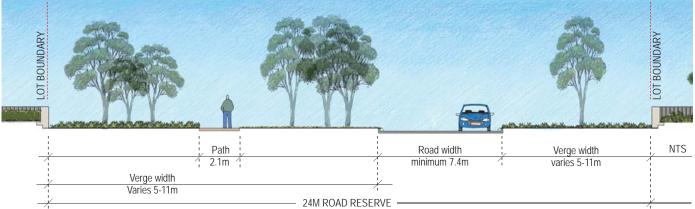
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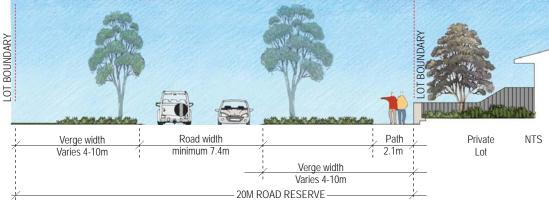


## FIGURE 11 - ROAD TYPOLOGY SECTIONS

### 24m ROAD RESERVE



## 20m ROAD RESERVE



## 'Green Street' - 16m ROAD RESERVE



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# FIGURE 12 - LWMS TYPICAL SECTIONS NORTH EAST CATCHMENT - TYPICAL BASIN SECTION

TYPICAL SECTION - LOOKING WEST



## SOUTH EAST CATCHMENT - TYPICAL BASIN SECTION

TYPICAL SECTION - LOOKING EAST

