

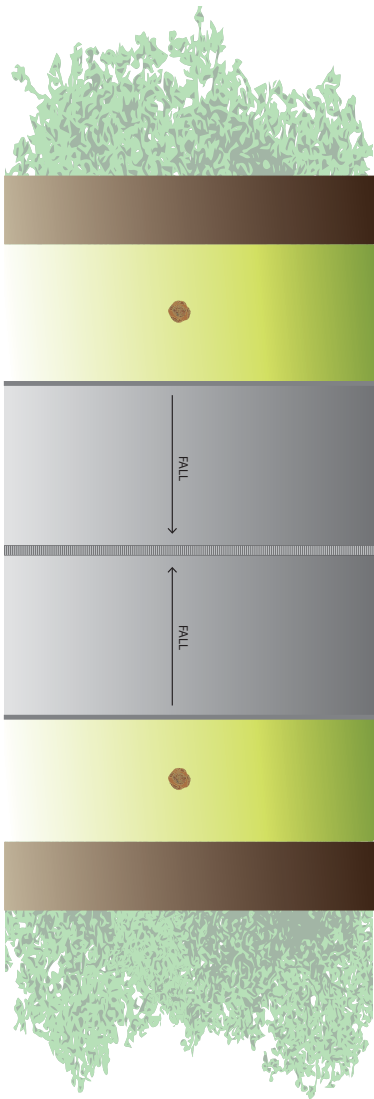
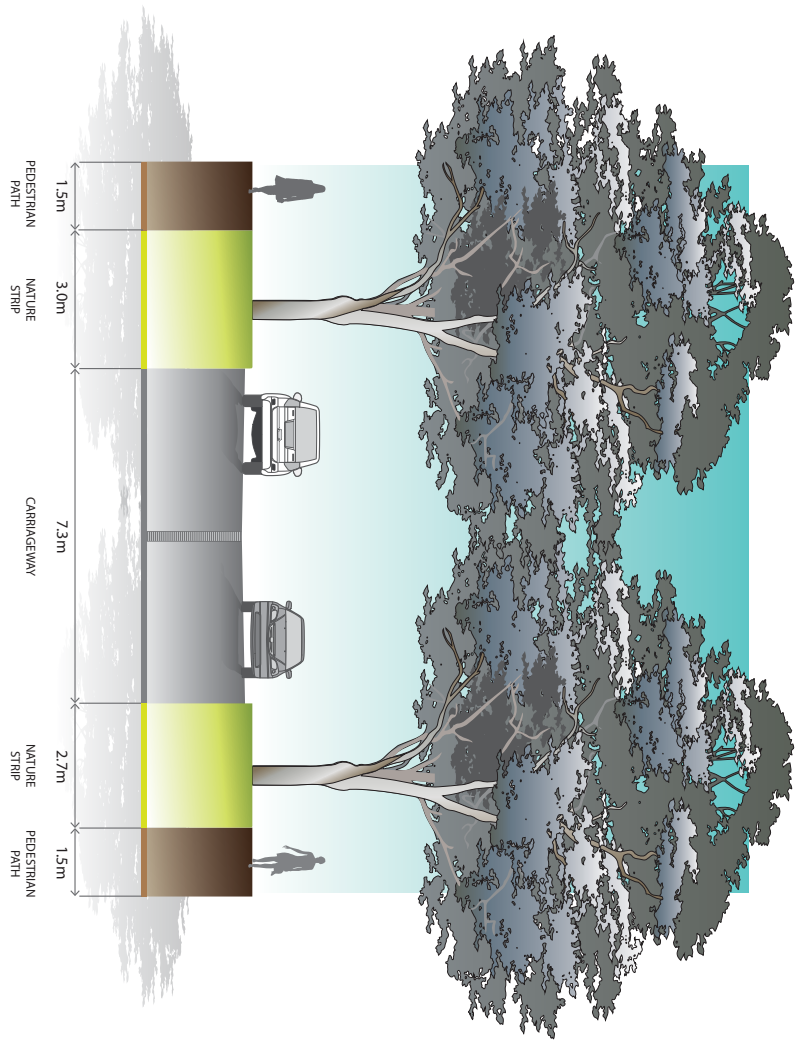
## Section 21

### Beattys Road Reserve Major Town Centre Waterway Interface

#### NOTES:

- Retarding basin and embankment structures are separate from connector road construction.
- Provide bollards / low fence to deter vehicles from Beattys Road Reserve park.
- Minimum street tree mature height 15m.
- All kerbs are to be B2 Barrier Kerb as per Figure 008 in Engineering Design and Construction Manual for Subdivision in Growth Areas

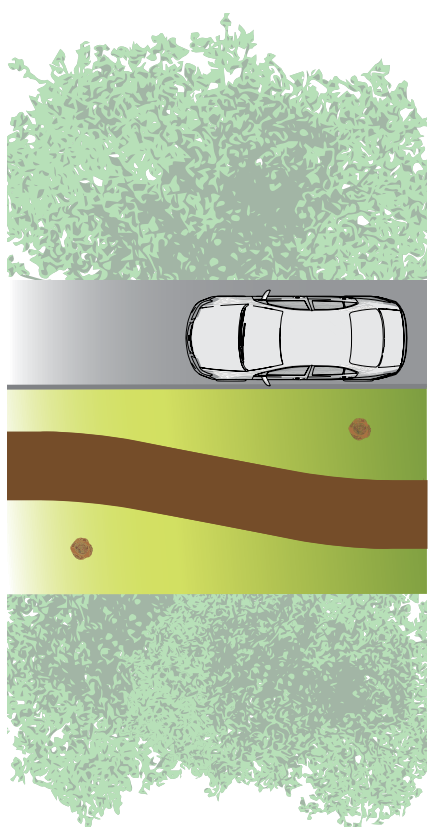
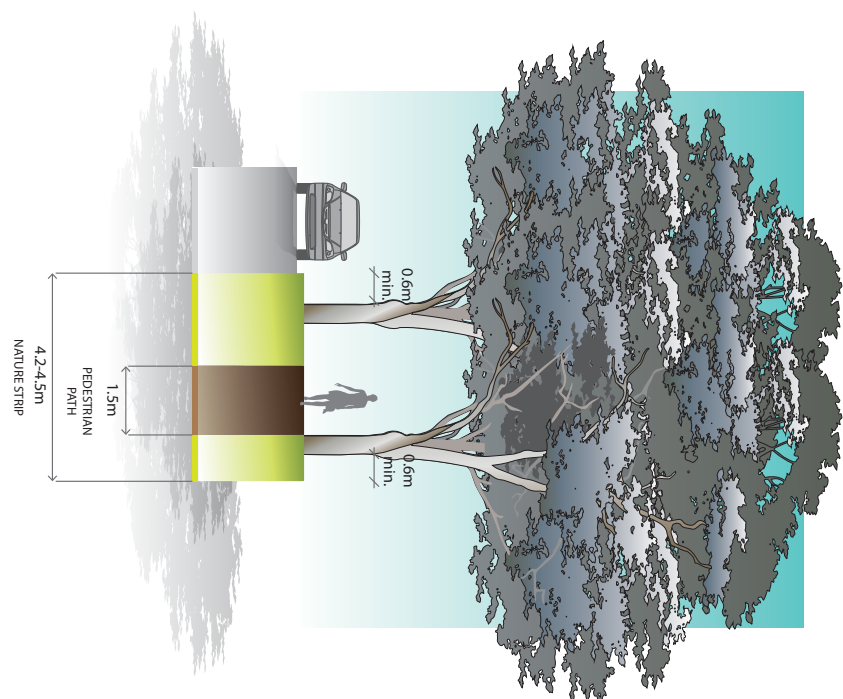
# Appendix E: Alternative road cross sections



Local Access Street Level 1 (16.0m) Variation - Central Drainage

**NOTES:**

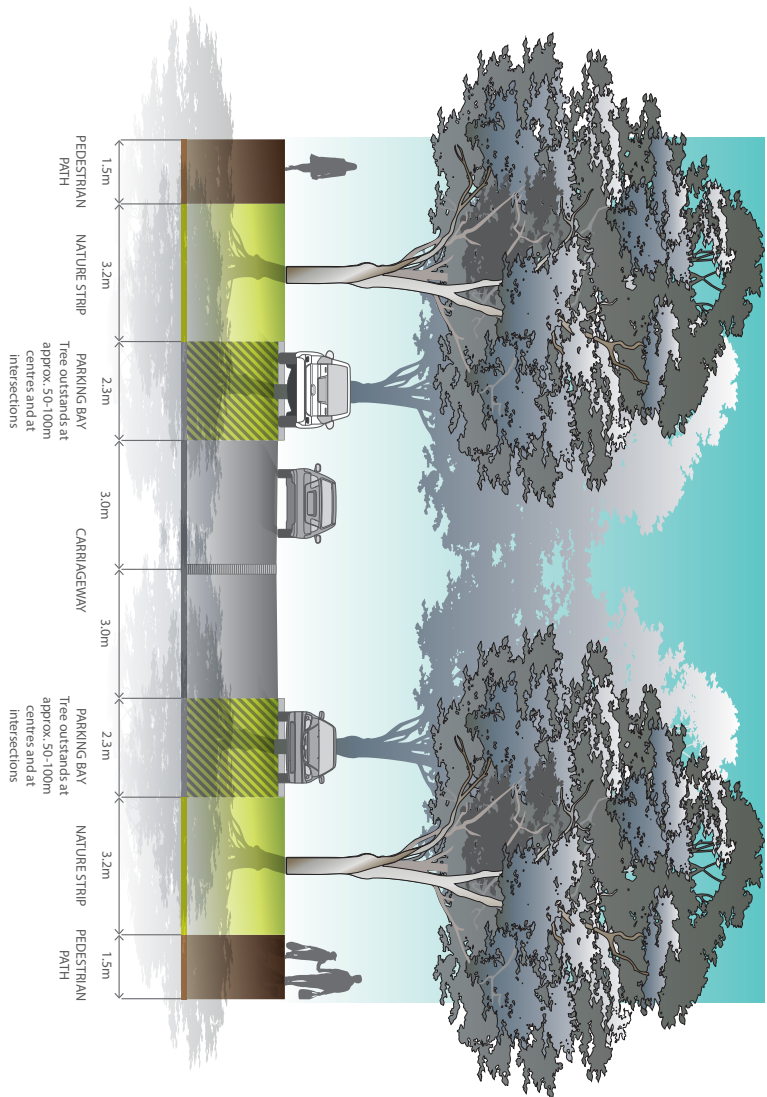
- Carriageway drains to central drainage line rather than sides
- Central drainage line to include pavement treatment other than asphalt
- Kerbs are to be B1 Barrier Kerb as per Figure 008 in Engineering Design and Construction Manual for Subdivision in Growth Areas
- Appropriate for short streets (less than 60m) with minimal through traffic or for frontage roads
- Minimum street tree mature height 12 metres
- Verge widths may be reduced where roads about open space with the consent of the responsible authority.



## Local Access Street Level 1 (16.0m) Variation - Meandering footpath in nature strip

### NOTES:

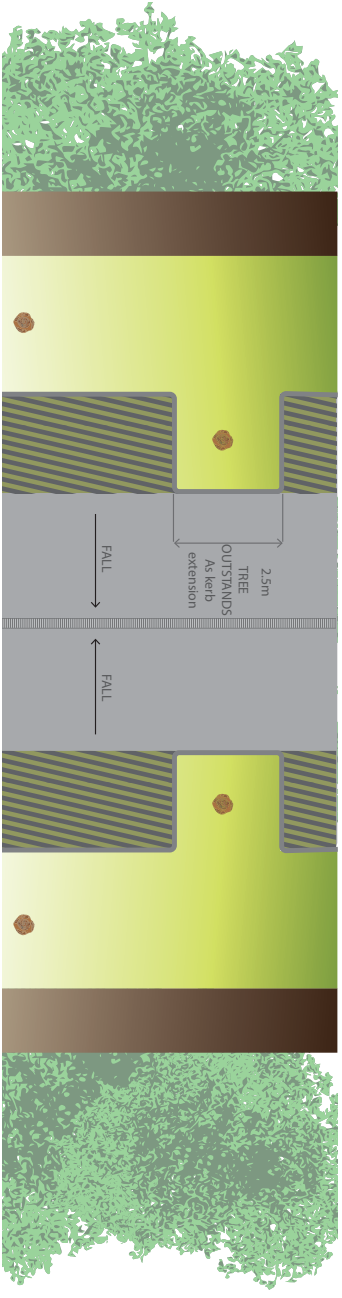
- Footpath in varying locations in nature strip
- Tree placement adjusts in response to footpath location
- Minimum offset of footpath 1.0m from back of kerb and 0.6m from tree trunks
- Design of meandering footpath is to consider bin placement on nature strips, access to letter boxes for mail delivery, interface with driveways, definition of front allotment boundary and accommodation of bus stops



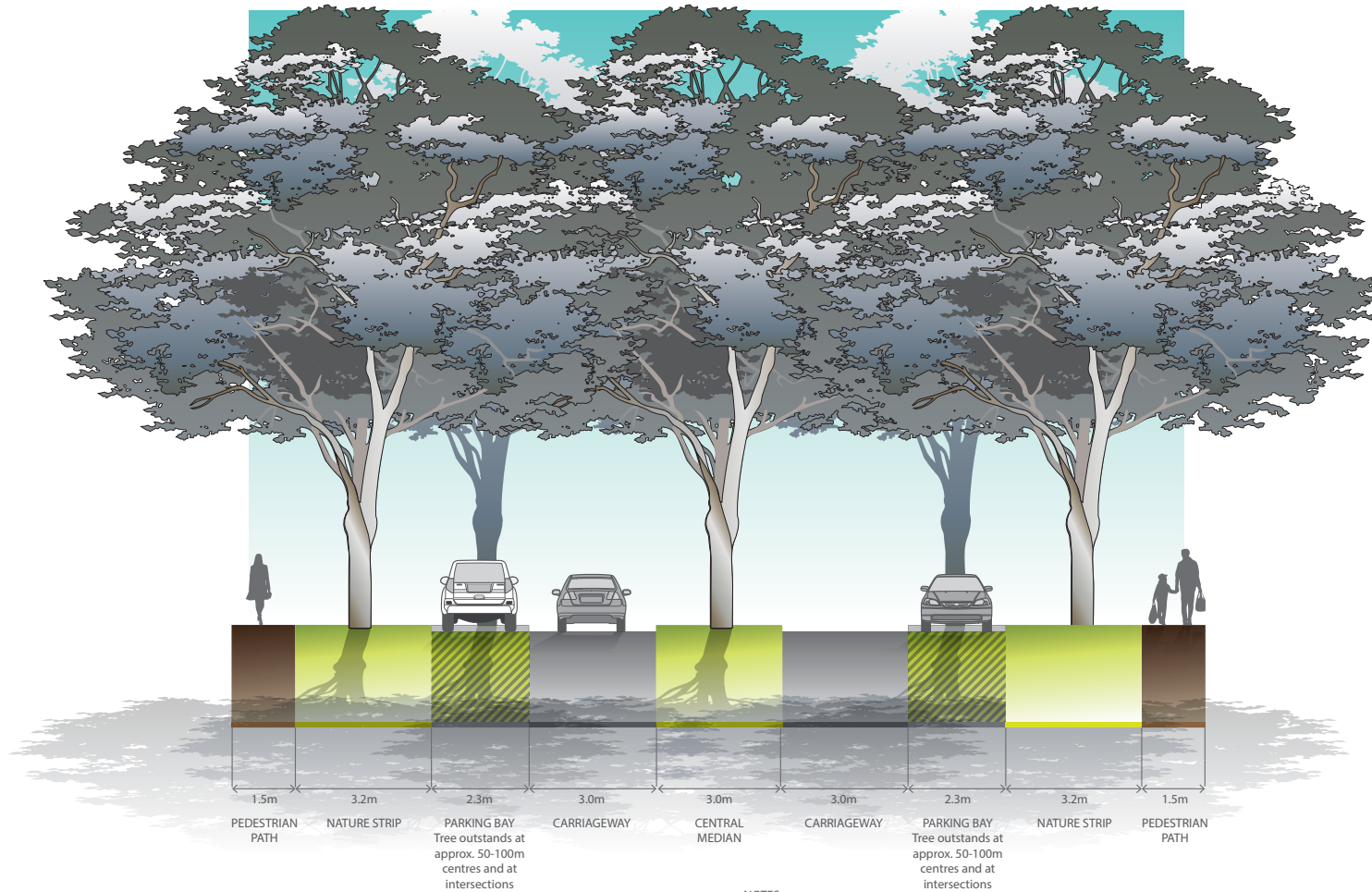
### Local Access Street Level 2 (20.0m) Variation - Central Drainage

#### NOTES:

- Carriageway drains to central drainage line rather than sides
- Central drainage line to include pavement treatment other than asphalt
- Kerbs are to be B1 Barrier Kerb as per Figure 008 in Engineering Design and Construction Manual for Subdivision in Growth Areas
- Minimum street tree mature height 12 metres
- Vergé widths may be reduced where roads about open space with the consent of the responsible authority.





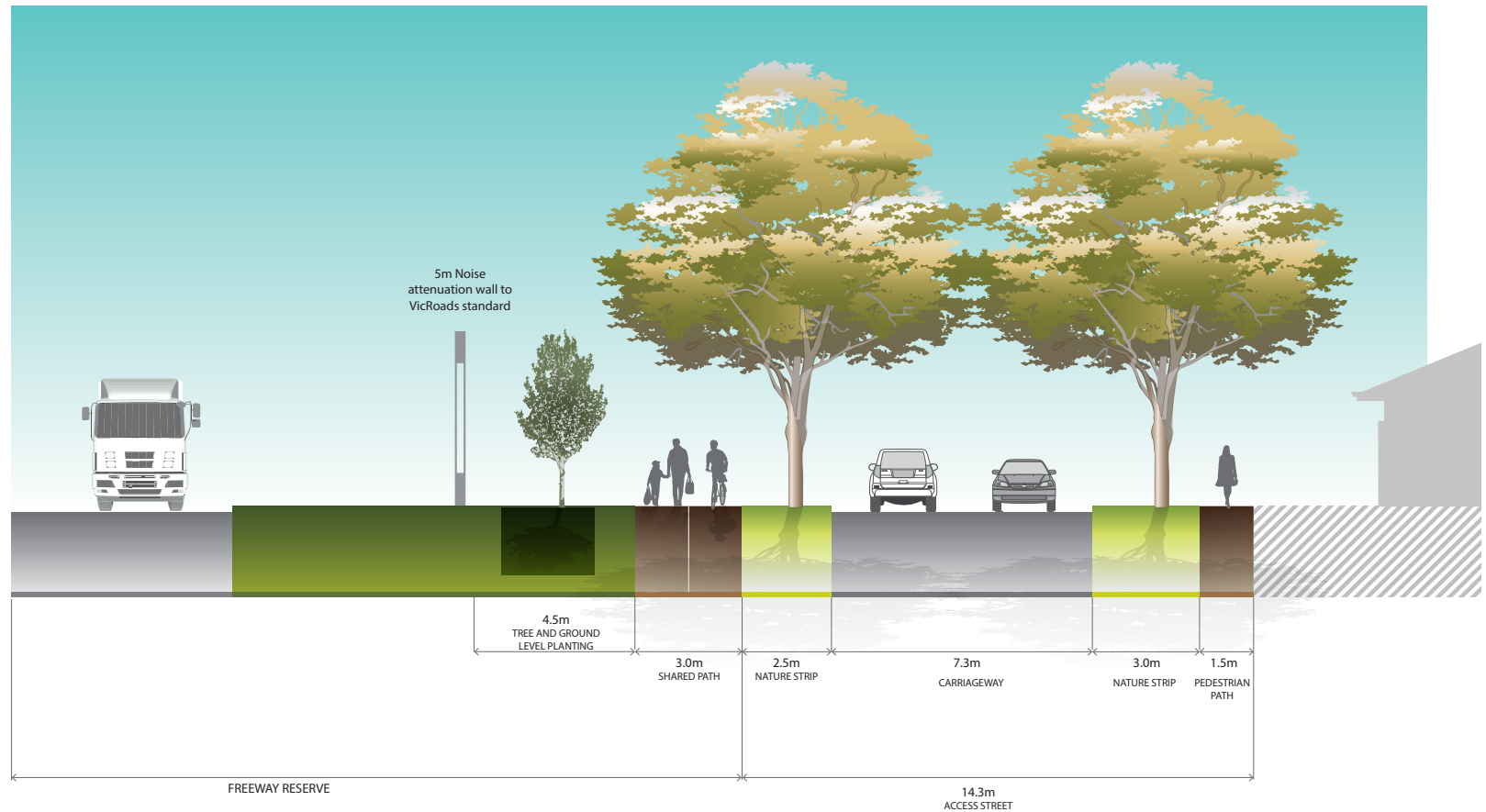


**NOTES:**

- Include a central median with canopy trees to create a boulevard effect
- Depending on the location of breaks in the median, provide intermediate pedestrian crossing points to accommodate mid-block crossings
- An alternative boulevard treatment can be achieved through a wider verge on one side capable of accommodating a double row of canopy trees
- Verge widths may be reduced where roads abut open space with the consent of the responsible authority.
- Minimum street tree mature height 12 metres
- All kerbs are to be B2 Barrier Kerb

**Local Access Level 2 (23m) Variation - Boulevard**

## Appendix F: Outer metro ring interface cross section

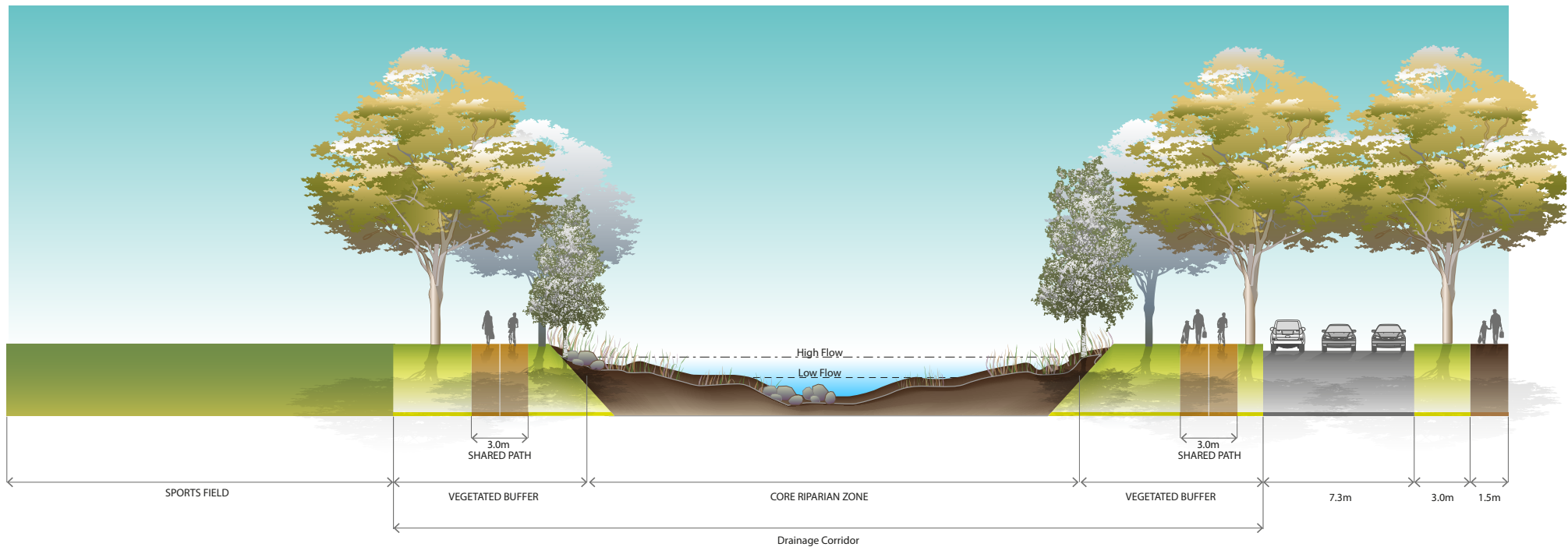


**Outer Metro Ring (14.3m)**  
**Residential Frontage**

### NOTES:

- OMR wall should be delivered by Vicroads
- Minimum street tree mature height 12 metres
- All kerbs are to be B2 Barrier Kerb as per Figure 008 in Engineering Design and Construction Manual for Subdivision in Growth Areas
- Verge widths may be reduced where roads abut open space with the consent of the responsible authority.

## Appendix G: Waterway cross section



### NOTES:

- Waterway widths subject to Melbourne Water approval
- Shared path placement is shown for both sports field and local access street interfaces for indicative purposes. The shared path network is shown on Plan 9.
- Minimum street tree mature height 12 metres
- All kerbs are to be B2 Barrier Kerb as per Figure 008 in Engineering Design and Construction Manual for Subdivision in Growth Areas
- Verge widths may be reduced where roads abut open space with the consent of the responsible authority.

### Waterway Interface

Interface - Sports Field or Residential