

## EAST FREMANTLE FORESHORE

The concept design for the Norm McKenzie Park foreshore aims for replacement of the existing mortared revetment with a new structure so the public can take full advantage of the location's proximity to the water and address issues of erosion in the broader foreshore. The landscape design includes three key elements:

### Terraces

The waterfront location is highly sought-after with people enjoying the water, views and café. The terraces will enable this by providing a transition to the water's edge that allows for additional seating and informal use whilst ensuring that current uses can remain. The terraces will include an integrated seat element to provide containment close to the cafe and a recycled timber edge beam to provide containment along the remaining length. The terraces will be constructed from reconstituted limestone blocks with varying heights to create informal seating opportunities whilst also functioning in their role of foreshore stabilisation.

### Plaza

The plaza has been designed to provide a shared space that will enhance the activities that the area is currently used for. The paving will include coloured concrete with salt sown finish to enhance the character of the location by tying in with the colours and textures of the river landscape. The area around the existing Eucalypt will be surfaced in gravel fines to allow a permeable surface suitable for pedestrian use and be used as a location for interpretive signage with information about the river and surrounds.

To ensure the high value waterfront amenity can be fully realised, car movements will be restricted from the plaza. Turnaround bays will be provided at the end of the car park aisle.

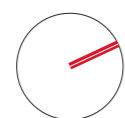
### Riparian Restoration Zone

Riparian restoration will be implemented between Norm McKenzie Park and the beach. This will aim to rehabilitate the areas where erosion and scour are impacting on the existing shoreline embankment and establish a cover of local native plant species suited to the river environment. It will see brush walling installed along the foreshore perimeter to shore up the existing embankment and provide a planting zone that will extend back to the existing shared path. A low conservation fence will be installed alongside the path to guide beachgoers to the designated access point and allow the planting to establish.



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AUTHOR: NS QA: FK PROJECT: 4838-23  
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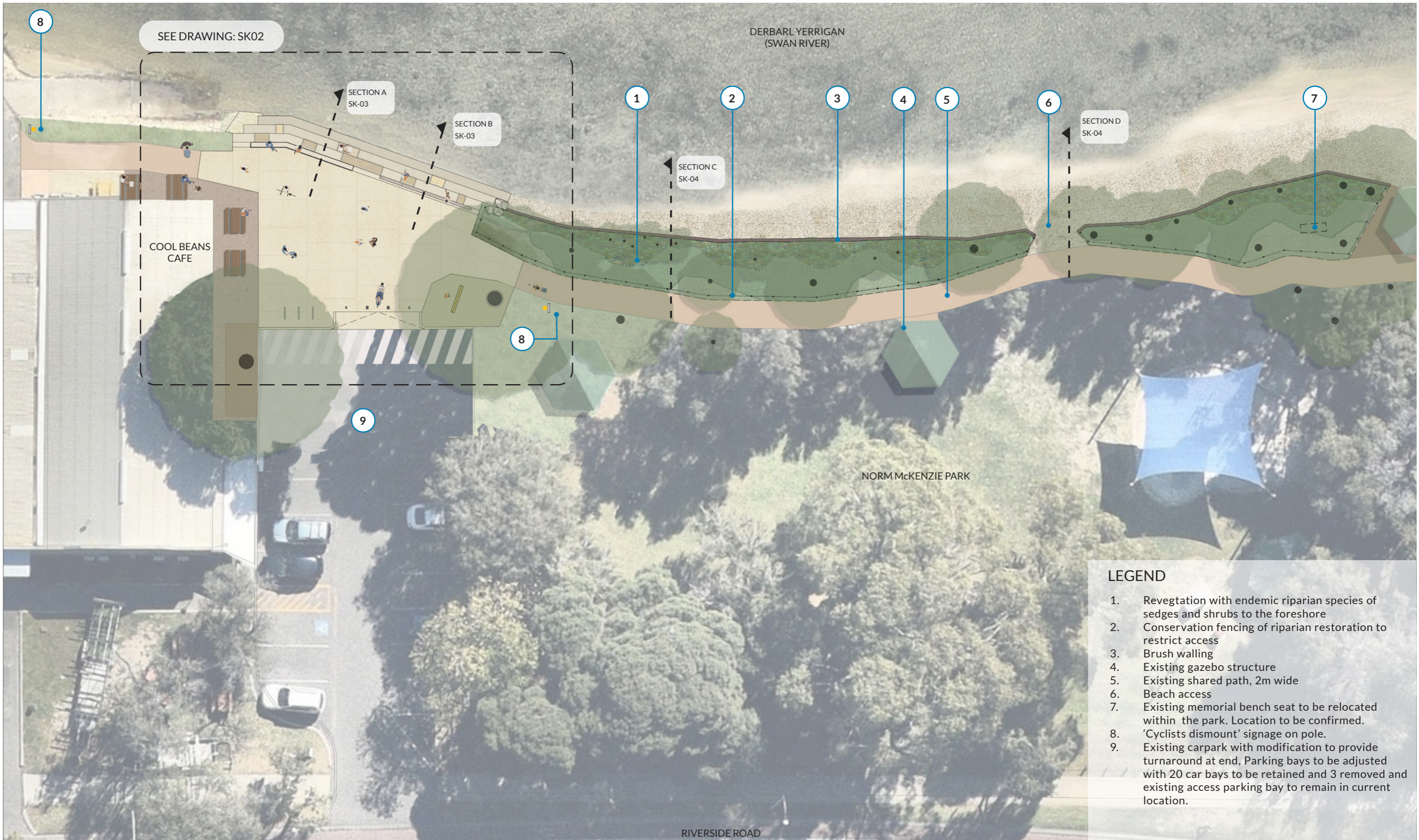
0 2 4 6 8 10 20m

REV.	DATE	DESCRIPTION
C	19.10.23	CONCEPT DRAFT FOR COMMENT
B	22.09.23	CONCEPT DRAFT FOR COMMENT
A	06.09.23	CONCEPT REVIEW

EAST FREMANTLE RIVER FORESHORE  
TOWN OF EAST FREMANTLE

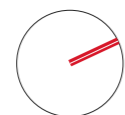
LOCATION PLAN  
**SK00-C**





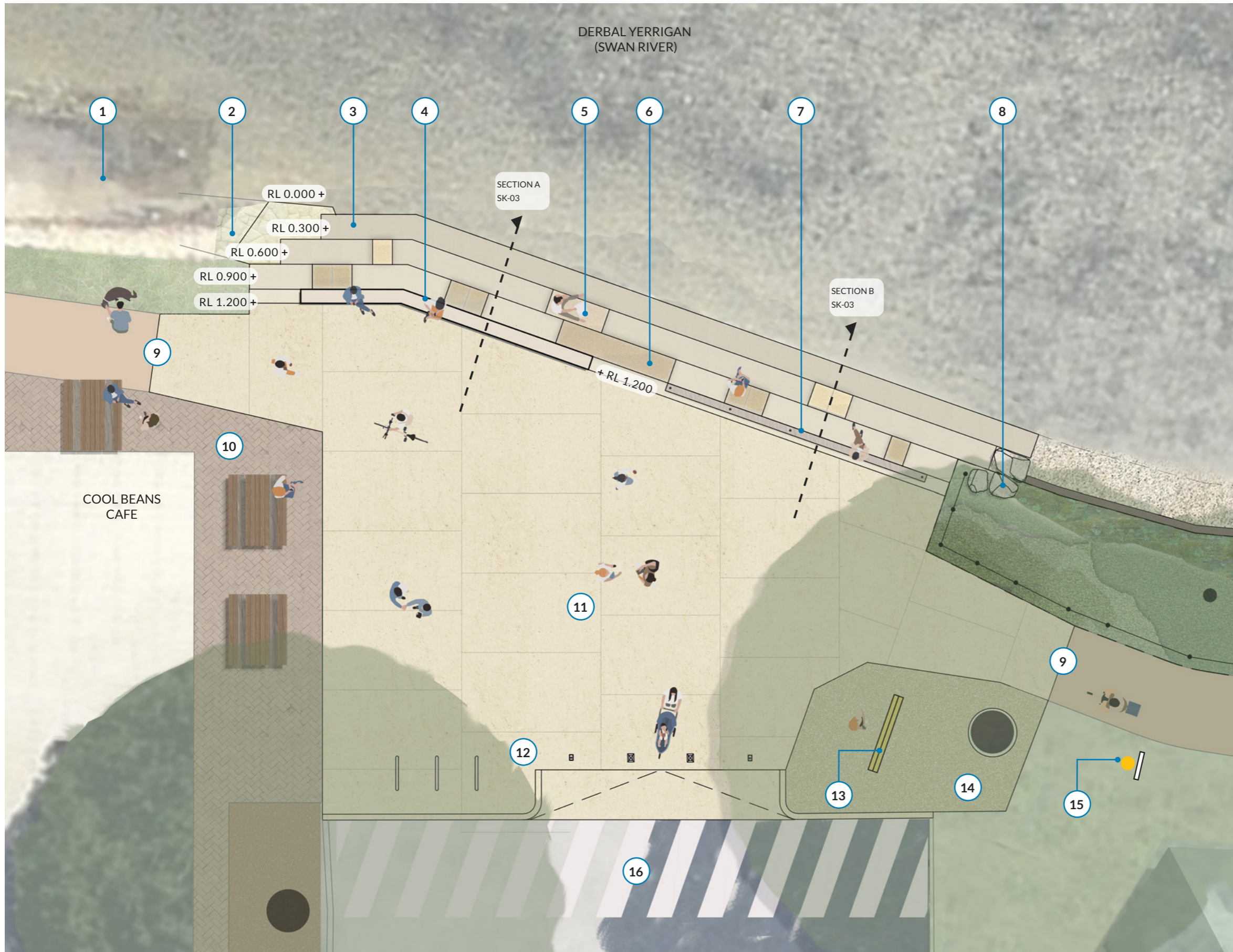
### LEGEND

1. Revegetation with endemic riparian species of sedges and shrubs to the foreshore
2. Conservation fencing of riparian restoration to restrict access
3. Brush walling
4. Existing gazebo structure
5. Existing shared path, 2m wide
6. Beach access
7. Existing memorial bench seat to be relocated within the park. Location to be confirmed.
8. 'Cyclists dismount' signage on pole.
9. Existing carpark with modification to provide turnaround at end, Parking bays to be adjusted with 20 car bays to be retained and 3 removed and existing access parking bay to remain in current location.



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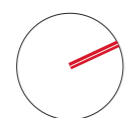


**LEGEND**

1. Existing Rowing Club access ramp.
2. Existing rock pitched embankment.
3. Terraced seating steps constructed from reconstituted limestone block to provide opportunities for seating, viewing and informal gathering by the water.
4. Seating wall integrated with terrace.
5. Steps within terrace to provide informal seating opportunities by the water's edge.
6. Step access to terraces.
7. Recycled timber beam edge to provide kick rail barrier that doubles as a seating edge.
8. Limestone feature boulders at transition to riparian restoration zone.
9. Connection to existing shared path.
10. Cafe alfresco area with existing paving to be retained.
11. Pedestrianised plaza for cafe use and informal gathering with decorative concrete finish referencing the local river landscape.
12. Bicycle parking and bollards.
13. Interpretive signage node.
14. Gravel fines soft paving at base of existing tree.
15. 'Cyclist dismount' signage on pole.
16. Existing car park adjusted to allow for vehicle turnaround at plaza end.

+ RL 1.000 Proposed design levels

- Existing tree
- Terraced seating steps, reconstituted limestone block
- Plaza paving, coloured concrete
- Existing unit paving to be retained
- Gravel fines
- Car park line marking
- Existing concrete path
- Limestone spalls embankment with creme coloured grout
- Riparian restoration zone planting
- Organic mulch
- Brush walling
- Limestone feature boulders
- Low conservation fencing
- Existing cafe table setting
- Interpretive signage node
- 'Cyclists dismount' sign



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Reconstituted limestone blockwork to be used in terraced steps



Plaza paving with concrete in sand/ limestone colour



Seating wall

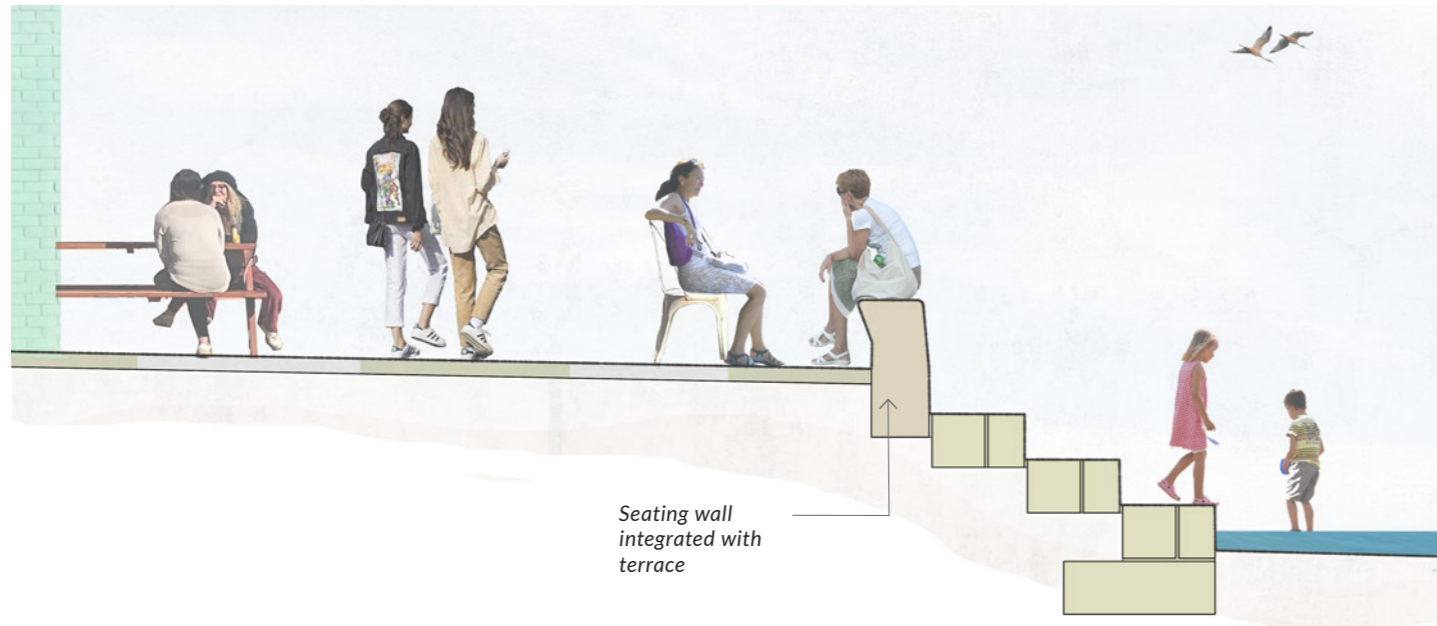


Salvaged hardwood timber edge

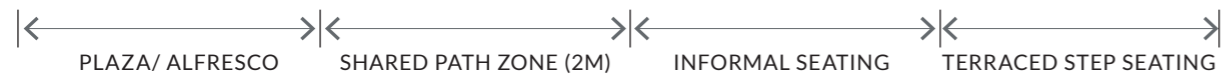


Interpretive signage with information about river landform and ecology

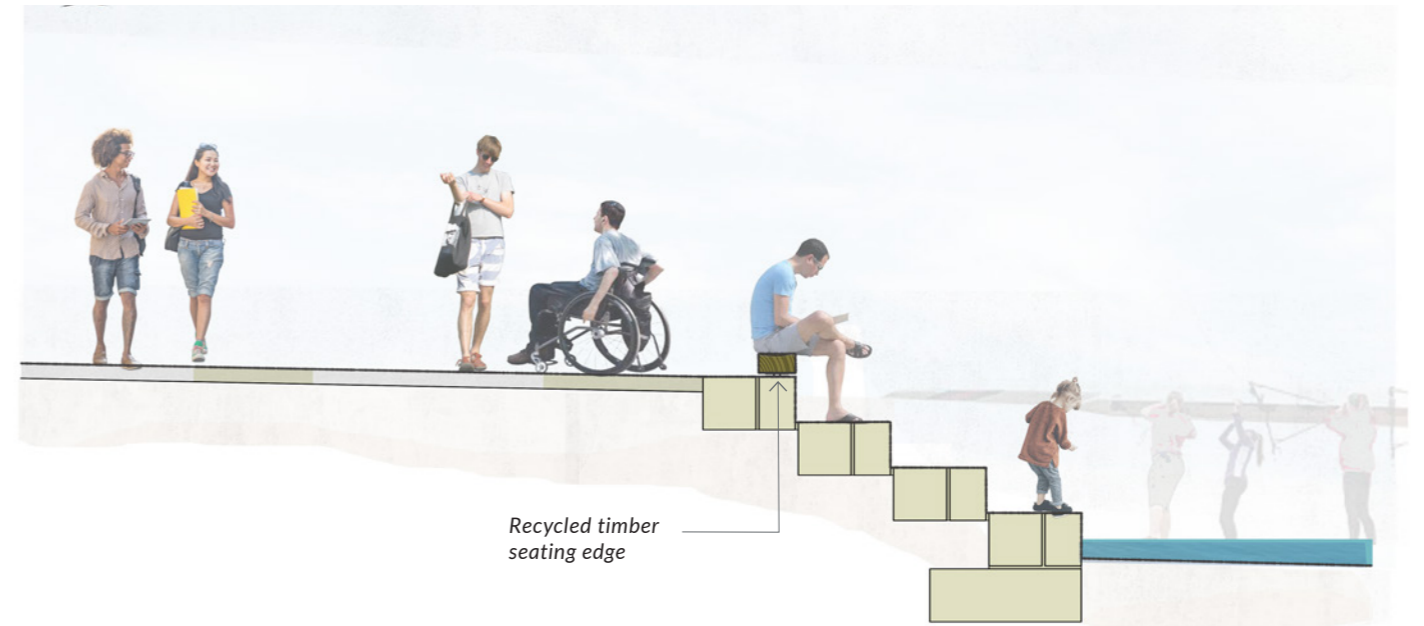
## HARDWORKS PALETTE



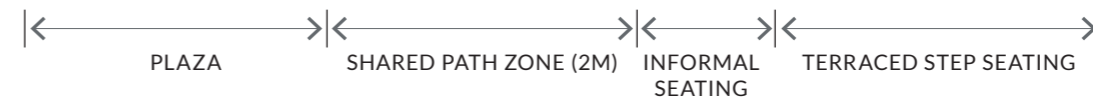
Seating wall integrated with terrace



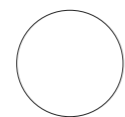
**SECTION A**  
TERRACE AND SEAT ELEMENT



Recycled timber seating edge



**SECTION B**  
TERRACE WITH TIMBER RAIL







Brush Walling

Brush walling will be installed to protect existing tree root zones and revegetation. The brush will slowly break down, allowing established riparian vegetation to assume the main protective function.



Revegetation

Revegetation of the foreshore will provide long-term protection from erosive wave action, as well as providing habitat for fauna and maintaining aesthetic value. Revegetation will use local native coastal species that are endemic to the location, can provide an understory for existing trees and can allow views from the reserve to the river.

**Conservation Fencing**  
The existing shared path will provide the edge for the riparian restoration area. A low conservation fence will be installed along the perimeter to restrict beach access to the designated path.



*Juncus kraussii*  
Sea Rush



*Ficinia nodosa*  
Knobby Club Rush



*Lepidosperma gladiatum*  
Sword Sedge



*Leocophyta brownii*  
Cushion Bush



*Acacia lasiocarpa*  
Panjang



*Enchylaena tomentosa*  
Ruby Salt Bush



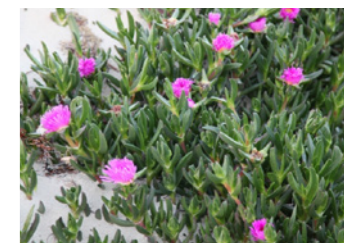
*Rhagodia baccata*  
Berry Salt Bush



*Guichenotia ledifolia*  
Guichenotia



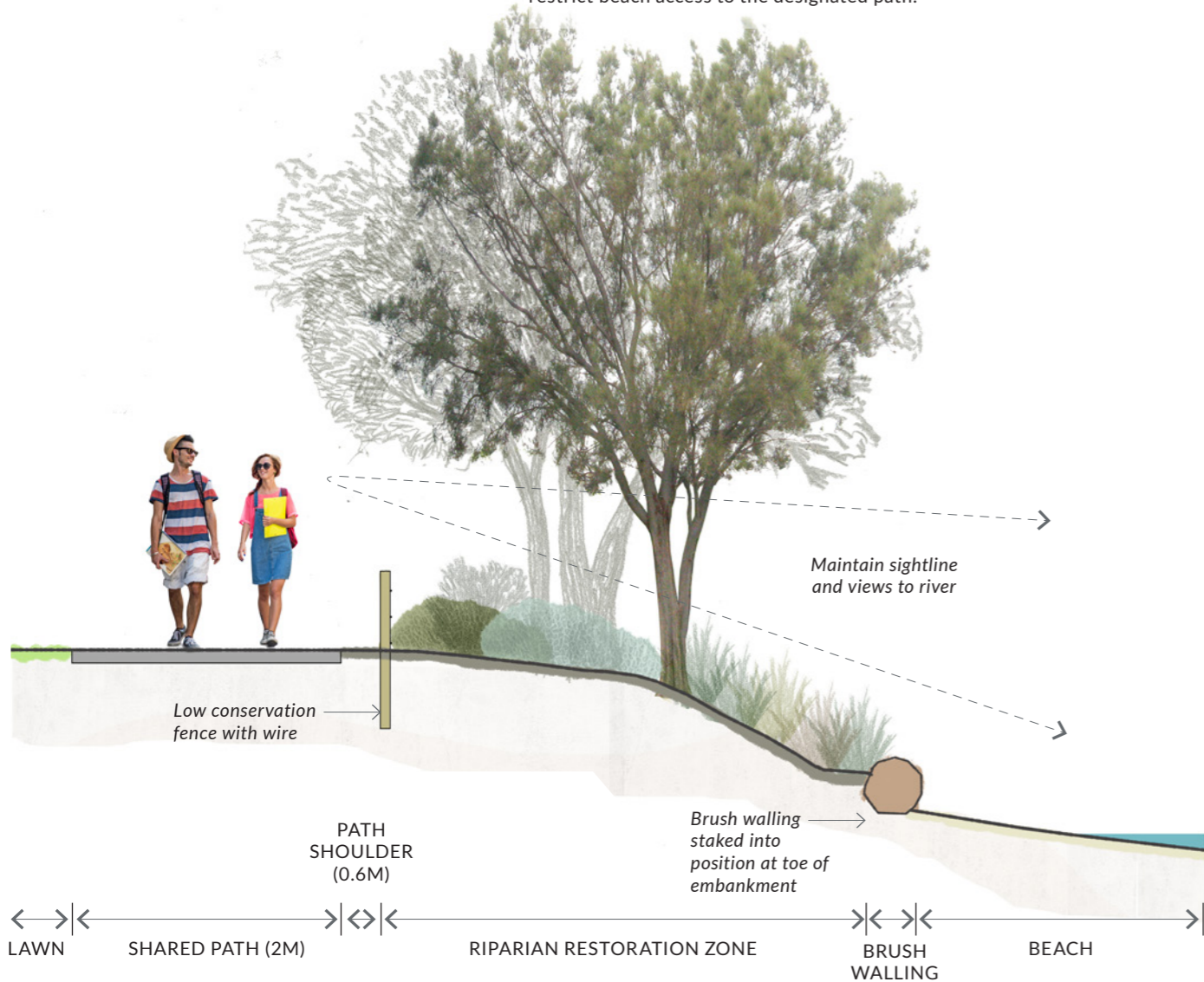
*Olearia axillaris* 'Lil Smokey'  
Dwarf Coastal Daisy



*Carpobrotus virescens*  
Pig Face

## RIPARIAN RESTORATION

## PLANTING PALETTE



**SECTION C**  
RIPARIAN RESTORATION AREA



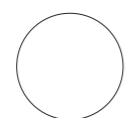
**SECTION D**  
BEACH ACCESS PATH



*Casuarina obesa*  
Swamp Sheoak

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TOWN OF EAST FREMANTLE

**RIPARIAN RESTORATION ZONE**  
**SK04-C**