# **OVERALL IMPLEMENTATION PLAN**

### COASTAL WALKING TRAIL

Consistant with BCMP (2014) maintain a compacted granitic gravel/sand walking path up to 2.5m in width (site specific), inclusive of pruning to either side.

- 1 Establish additional timber chicanes and signage to restrict cyclist access and install 'code of conduct 'signage to emphasis the need to consider wildlife, protection of vegetation and other users when passing. (H)
- Remove chain mesh construction fencing and replace with timber post and cable fencing to restrict access to the former beach access ramp. (H)
- 3 Retain fencing to the coast side of path only using more natural log edging to define the trail alignment. Replace timber post and cable fencing where required. (H)
- 4 Establish a new handrail and advisory signage on the steep sealed path section between Harold Street and Edward Street. (M)

## **BAY TRAIL - SHARED PATH**

- 5 Replace and widen the timber boardwalk and retaining wall section south of Red Bluff Street. (M)
- 6 Widen the path at the pedestrian crossing point at the traffic lights between Masefield Avenue and Royal Avenue. (L)
- 7 Investigate widening of the cantilevered boardwalk section of Harold Street and Edward Street. (L)

### **BEACH ACCESS**

Install signage at each beach access point indicating ramp grade/condition with directions to preferred access points as staged upgrades are completed. (H)

- 9 Sims Street Access Ramp Establish stainless steel handrails to AS1428 on both sides and investigate establishment of a beach shower and bike parking at beach level. (M)
- **10** Southey Street Access Ramp Establish handrail to the other side with a rest point and seat midway along the ramp. (L)
- 11 Royal Avenue Stairs Remove the timber log steps and upgrade the unsealed path from Beach Road to the top of the stairs and replace the drinking fountain. (M)
- 12 Edward Street Access Ramp Install warning and directional signage at beach level directing visitors to the ramp and indicating that there is no safe access via the beach to Half Moon Bay. (H)
- Edward Street Access Ramp Resurface the existing ramp and establish two flat rest points with seats. Install new handrails to both sides. (M)

## LOOKOUTS AND VIEWING AREAS

14 Undertake staged replacement of coastal cliff fencing establishing new timber post and cable fencing with maintenance anchor points where possible to assist safety when completing weed control and planting on the steep cliffs. (H)

> REFER TO DETAIL PLAN SOUTHEY STREET

- 15 Establish a new lookout point and seating area at Southey Street. (L)
- **16** Establish a new lookout point and seating area at Red Bluff Street.(L)

#### TOILETS

OUTHEY ST GROYNE

- 17 Install signage within the B12 car park and at the pedestrian lights to alert visitors to the nearest public toilet at Southey Street. (H)
- Replace the Southey Street toilet to provide accessible male and female cubicles within a smaller contemporary facility at the same location. (M)

0 20 40 60 100m

#### IMPLEMENTATION AND PRIOR

The large number of facilities and con replacing older assets at Sandringha mean that staging of works will be restaging and timing for delivery of the subject to external agency funding an implementation of some works may r delayed or bought forward, i.e due to urgent maintenance or as part of cos delivery of other projects. In all cases should be viewed as a guide only.

- (H) High (1-3 years)
- (M) Medium (4-6 years)
- (L) Low (7-10 years)
- (O) Ongoing (part of current program





#### DRAWING KEY

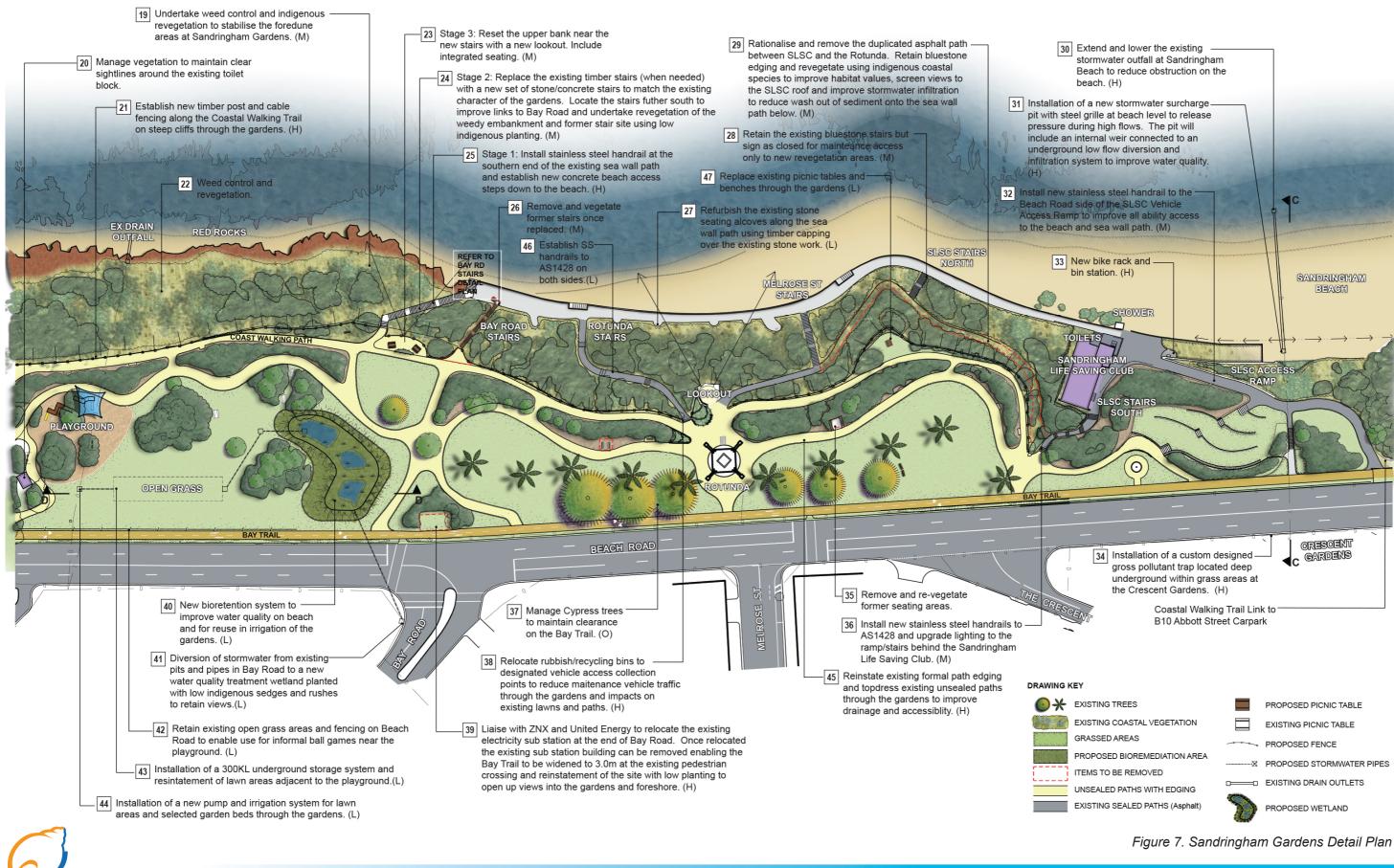
BAY TRAIL (BEACH ROAD)

		COASTAL WALKING TRAIL (UNSEALED)
		SECONDARY PATHS
RITIES am Foreshore equired. The works is nd need to be the need for st-effective s priorities		SEA WALL PATH
		BEACH ACCESS RAMPS
		BEACH ACCESS STAIRS
		STAIRS TO BE REMOVED
		PATH TO BE REMOVED
		ITEMS TO BE REMOVED / RELOCATED
		PEDESTRIAN CROSSING LIGHTS
	00000	INFORMAL PEDESTRIAN CROSSINGS
		EXISTING FENCING
	Т	EXISTING PUBLIC TOILET
	•	DRINKING FOUNTAINS
ms/works)	•	BBQ / PICNIC FACILITIES

### Figure 6. Implementation Plan

# SANDRINGHAM GARDENS DETAIL PLAN

Bayside

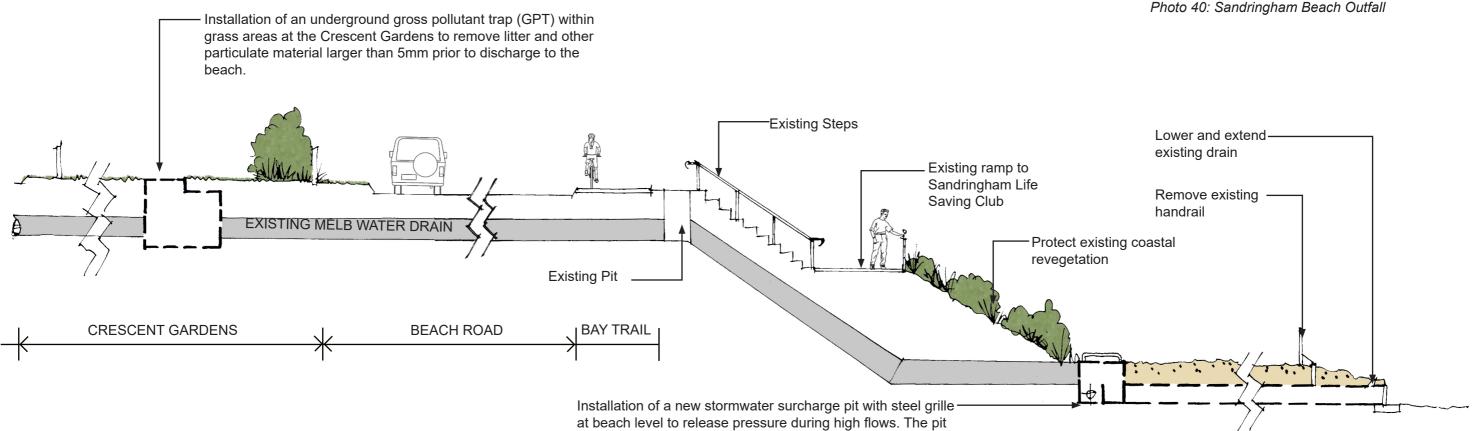


14

SANDRINGHAM BEACH AND GARDENS DRAFT MASTERPLAN

# **SANDRINGHAM BEACH OUTFALL SECTION C - C**





will include an internal weir connected to an underground low flow diversion and infiltration system to improve water quality.



Photo 40: Sandringham Beach Outfall

Figure 8. Sandringham Beach outfall Section C-C

15

SANDRINGHAM BEACH AND GARDENS DRAFT MASTERPLAN

## **BAY ROAD STAIRS TREATMENT DETAIL PLAN**

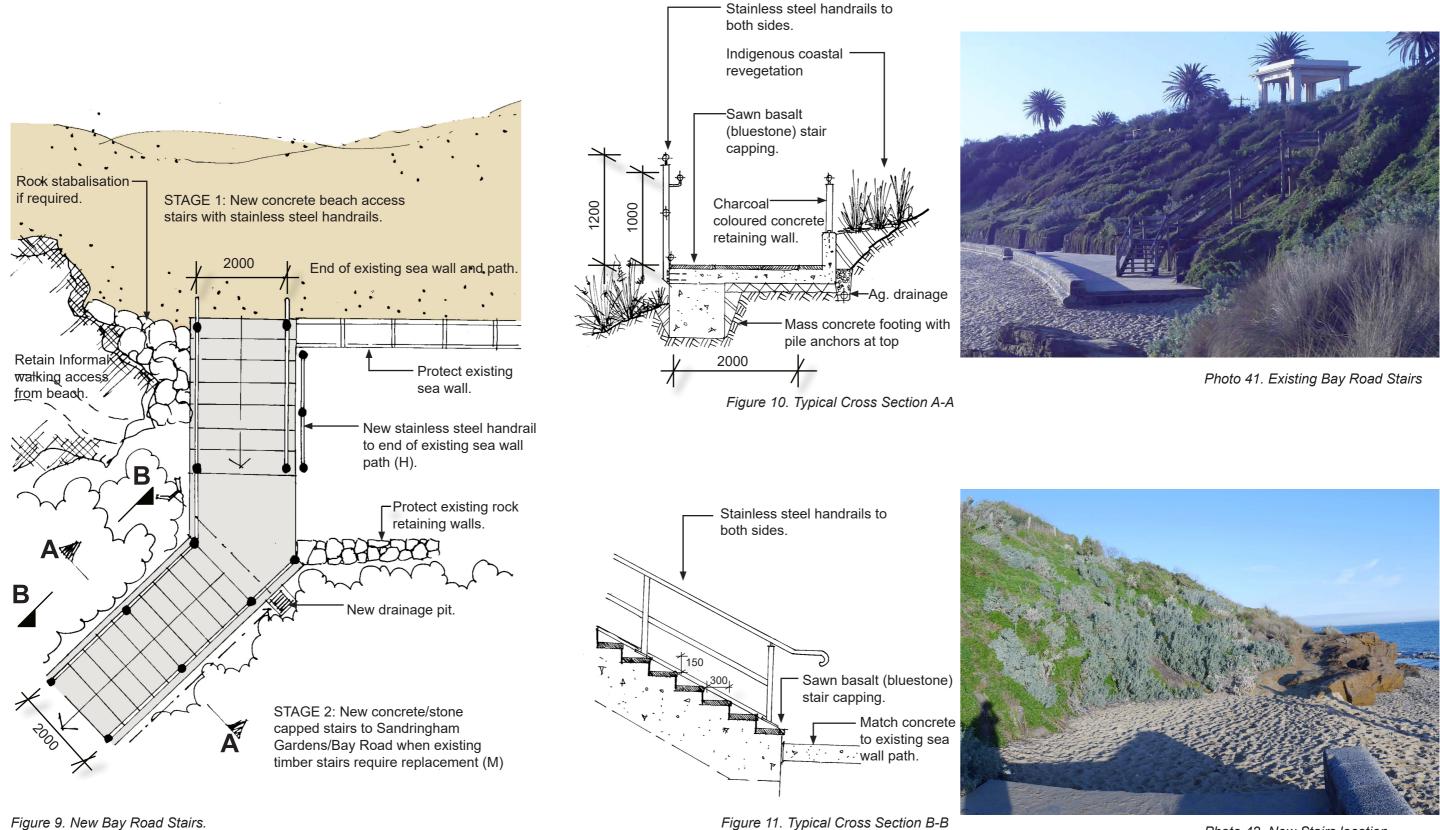


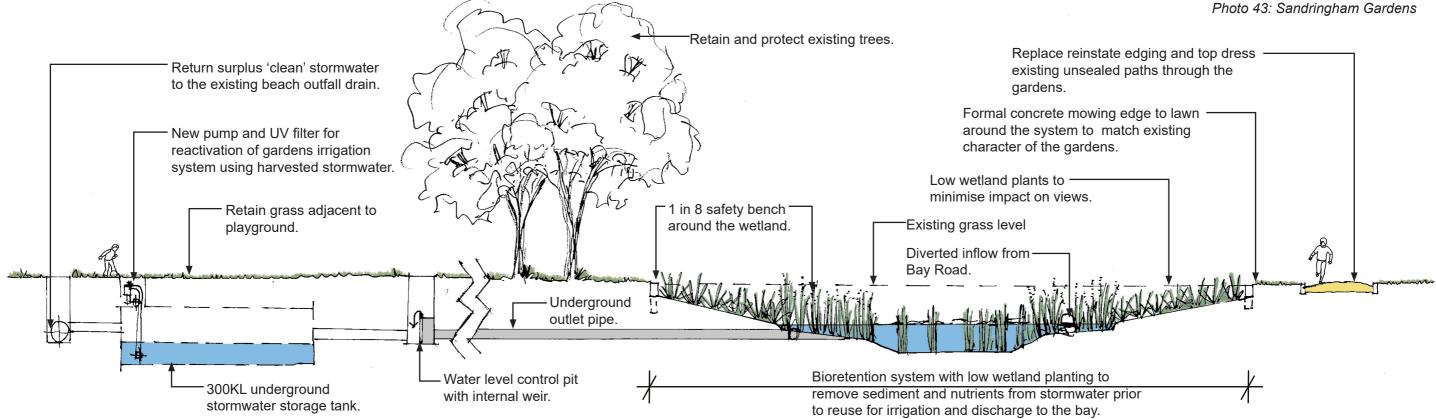
Figure 11. Typical Cross Section B-B



Photo 42. New Stairs location

## SANDRINGHAM GARDENS WETLAND TREATMENT SECTION D-D









17

SANDRINGHAM BEACH AND GARDENS DRAFT MASTERPLAN

# SOUTHEY STREET DETAIL PLAN



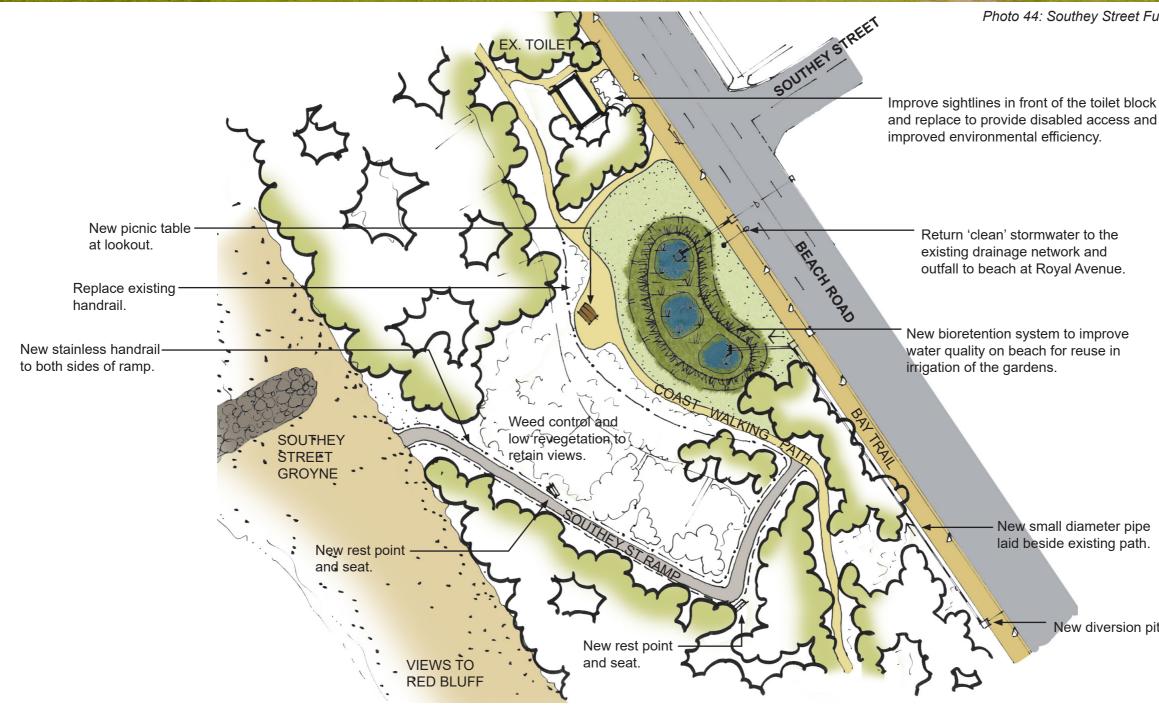




Figure 13. Southey Street Bioretention System

Photo 44: Southey Street Future Bioremediation Area.

New small diameter pipe laid beside existing path.

New diversion pit.