

PRECINCT PLANS

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Welcome to Stony Creek Backwash

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5. PRECINCT PLANS

5.1 Precinct 1 – Stony Backwash to Ferguson Street – Newport

Precinct 1 extends from the north-eastern LGA boundary at Stony Creek and Francis Street in Spotswood to Ferguson Street in Williamstown. The precinct covers Spotswood, Newport, and parts of Williamstown, with water frontage including the lower portions of the Yarra River, the Warmies and into Port Phillip Bay.

Much of the precinct around Spotswood and Newport is dominated by industry, including oil and gas terminals and the Newport Power Station. Residential areas increase south of Digman Reserve and continue into the heart of Williamstown.

Major public open spaces along the coastal zone include Stony Creek Park and Backwash, Newport Riverside Park, Newport Park, the Warmies, Sandy Point Nature Reserve, Greenwich Reserve and various reserves along The Strand in Williamstown.

Major tourism and recreational attractions include Scienceworks, the Warmies Boat Ramp, and various sporting facilities. Restaurants, and other facilities located along the foreshore include the Pier Farm Restaurant, nearby moorings and Williamstown Sailing Club.

Proposed actions (Table 9) and mapping (Figure 13) for Precinct 1 are provided below.

PRECINCT 1 PRIORITIES

- Upgrade sea walls and other coastal protection infrastructure to increase resilience to coastal hazards.
- Review, upgrade and/or reconfigure recreational assets to optimise use of coastal land and support marine-based activities.
- Identify opportunities for strategic partnerships and planning to maximise public coastal land area and use.
- Protect and enhance environmental values at Sandy Point Nature Reserve and The Spit Reserve.



Table 9. Proposed Precinct 1 actions

Objective	Actions		Priority
1. Acknowledge Traditional Owners rights, aspirations and knowledge	1.0	As per Council-wide initiatives.	-
2. Protect and enhance the marine and coastal environment	2.0	As per Council-wide initiatives.	-
	2.1	Promote and contribute to environmental monitoring opportunities, collaborating with community groups. May include water quality, litter, stormwater monitoring.	Medium-term
	2.2	Continue to enhance and protect vegetation along the Spit and Sandy Point for erosion control and significant bird nesting habitat.	Short-term
3. Respect natural processes / Strengthen resilience to climate change	3.0	As per Council-wide initiatives.	-
	3.1	Undertake nominated seawall upgrades to strengthen resilience to sea level rise and coastal hazards, including: <ul style="list-style-type: none"> The Strand, Burgoyne Reserve John Morley Reserve Consider the potential impacts of infrastructure changes/ upgrades on surrounding areas and investigate feasibility of biodiverse engineering opportunities (i.e. living seawalls).	Short-term
4. Use and develop sustainably	4.0	As per Council-wide initiatives.	-
	4.1	Promote and improve litter management through educational signage, on-land fishing facilities, disposal bins, and innovative trials (i.e. SeaBins) in key locations including The Warmies, around Stony Creek, and near Newport Power Station.	Long-term
	4.2	Support the Better Places – Spotswood and South Kingsville project and establish a working group with Port of Melbourne, DELWP, industry stakeholders and other relevant parties (e.g. Scienceworks) to develop an options assessment for activation and improved access of the Spotswood/Newport foreshore.	Short-term
	4.3	Work with Port of Melbourne to install educational/zoning signage at boat ramps. Includes raising awareness of shipping zones, operations, safety risks and implications for recreational boating.	Medium-term
	4.4	Work with relevant stakeholders on the Williamstown Maritime Precinct Framework, including review of alignment with CMMP (also in Precinct 2).	Short-term
	4.5	Engage with Better Boating Victoria to improve recreational boating and fishing facilities including Warmies Boat ramp reconfiguration and land-based fishing platforms.	Medium-term
	4.6	Investigate amenity improvement opportunities and implement works at Warmies dog park.	Long-term
5. Promote stewardship and collaborative management	5.0	As per Council-wide initiatives.	-

Precinct 1 - Stony Backwash to Ferguson Street

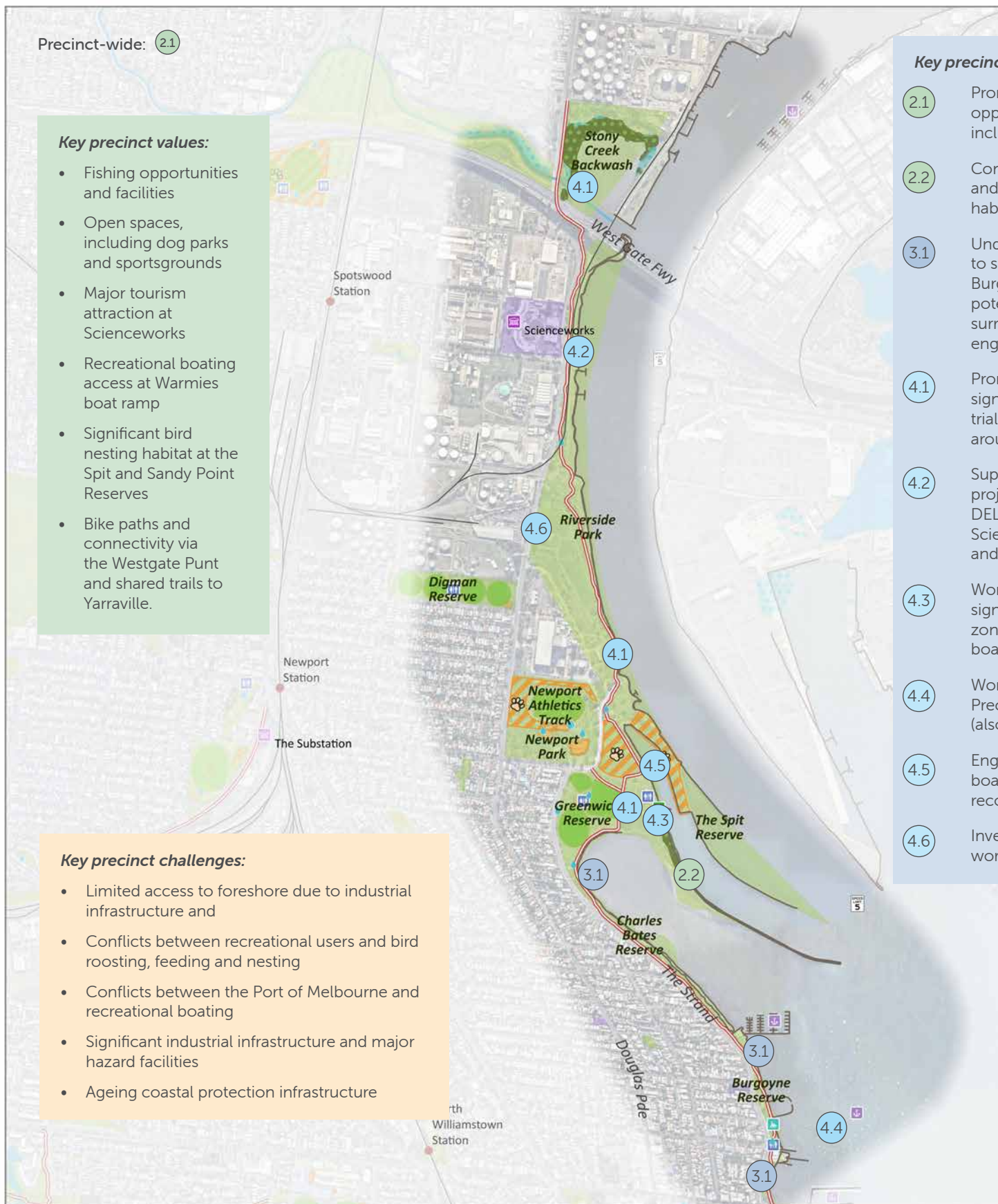


Figure 13. Precinct 1 key features, values, challenges, and actions.

Key actions:

promote and contribute to environmental monitoring opportunities, collaborating with community groups. May include water quality, litter, stormwater monitoring.

continue to enhance and protect vegetation along the Spit and Sandy Point for erosion control and significant bird nesting habitat.

undertake nominated seawall upgrades to strengthen resilience to sea level rise and coastal hazards, including The Strand, Goyne Reserve and John Morley Reserve. Consider the potential impacts of infrastructure changes / upgrades on surrounding areas and investigate feasibility of biodiversity engineering opportunities (i.e. living seawalls).

promote and improve litter management through educational signage, on-land fishing facilities, disposal bins, and innovative devices (i.e. SeaBins) in key locations including The Warmies, and Stony Creek, and near Newport Power Station.

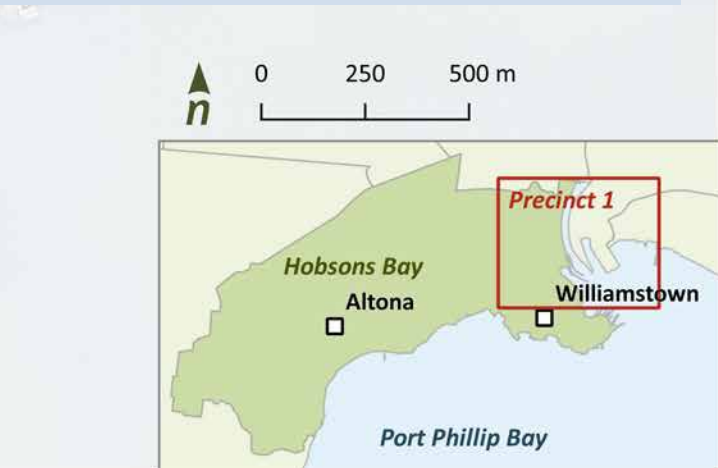
support the Better Places – Spotswood and South Kingsville project and establish a working group with Port of Melbourne, WWP, industry stakeholders and other relevant parties (e.g. networks) to develop an options assessment for activation and improved access of the Spotswood/Newport foreshore.

work with Port of Melbourne to install educational/zoning signage at boat ramps. Includes raising awareness of shipping lanes, operations, safety risks and implications for recreational fishing.

work with relevant stakeholders on the Williamstown Maritime Precinct Framework, including review of alignment with CMMP (see Precinct 2).

engage with Better Boating Victoria to improve recreational fishing and fishing facilities including Warmies Boat ramp configuration and land-based fishing platforms.

investigate amenity improvement opportunities and implement works at Warmies dog park.



Boating and beach access:

- Boat mooring points
- Boat Ramp
- Personal Water Craft Access
- Speed Restriction (5 Knots)
- Vessels Prohibited (All Vessels)

Open space, structures and other facilities:

- Drinking fountains
- Public toilets
- Shared paths
- Coastal structures
- Open Space
- Recreation facilities
- Sportsfields
- Off-leash dog areas
- Heritage Register areas
- Attractions

Coastal and marine ecosystems:

- Mangroves
- Coastal saltmarshes, saltflats and saline reedbeds
- Sublittoral seagrass beds
- Infralittoral rock

Other features:

- Rail stations
- Railway
- Waterways
- Wetlands

5.2 Precinct 2 – Ferguson Street to Bayview Street – Williamstown

Precinct 2 extends from Ferguson Street, Williamstown to Bayview Street, Williamstown, just west of Gloucester Reserve. The precinct covers Williamstown, including the maritime areas along Nelson Place, Point Gellibrand, the Esplanade and Williamstown Beach. The commercial areas around Nelson Place and at Williamstown beach are key activity nodes.

Some areas of the foreshore are inaccessible to the public, particularly around the yacht and angling clubs and ship building industrial areas. The area from Stanley Street (in Precinct 1) to Breakwater Pier is included in the Williamstown Maritime Precinct Framework. This project will inform investment and development decisions shaping the future of this area.

The main areas of public open space along the foreshore include Commonwealth Reserve, Point Gellibrand Coastal Heritage Park, parkland along the Esplanade and Hatt Reserve, The Botanic Gardens, Fearon and Sadler Reserves, Williamstown Beach, and Gloucester Reserve.

The area is largely residential and commercial, with attractions along the coast including Nelson Place shops and cafes, Seaworks Maritime precinct, Williamstown Beach and Botanic Gardens, Timeball Tower and Williamstown Cricket Ground.

Proposed actions (Table 10) and mapping (Figure 14) for Precinct 2 are provided below.

PRECINCT 2 PRIORITIES

- Upgrading sea walls and other coastal protection infrastructure to increase resilience to coastal hazards.
- Aligning the outcomes of the CMMP to the Williamstown Maritime Precinct Framework.
- Upgrading recreational assets to meet demand and increase amenity values of the foreshore.
- Reviewing and managing environmental threats, including contaminated land.
- Improve cooling capacity of public open space to reduce urban heat.



Table 10. Proposed Precinct 2 actions.

Objective	Actions		Priority
1. Acknowledge Traditional Owners rights, aspirations and knowledge	1.0	As per Council-wide initiatives.	-
2. Protect and enhance the marine and coastal environment	2.0	As per Council-wide initiatives.	-
	2.1	Supporting actions in the Urban Forest Strategy, increase tree canopy cover and vegetation within foreshore areas (including Gloucester and Hatt reserves), to enhance the natural environment, provide shade, and reduce urban heat.	Ongoing
3. Respect natural processes / Strengthen resilience to climate change	3.0	As per Council-wide initiatives.	-
	3.1	Review Williamstown Wave Surge Study and embed outcomes in future land use/infrastructure planning, including Williamstown Maritime Precinct Framework.	Short-term
	3.2	Undertake nominated seawall upgrades to strengthen resilience to sea level rise and coastal hazards, including: <ul style="list-style-type: none"> • Gloucester Reserve • Hatt Reserve • Cyril Curtain Reserve • Williamstown Beach Consider the potential impacts of infrastructure changes/ upgrades on surrounding areas and investigate feasibility of biodiverse engineering opportunities (i.e. living seawalls).	Medium-term
4. Use and develop sustainably	4.0	As per Council-wide initiatives.	-
	4.1	Work with relevant stakeholders on the Williamstown Maritime Precinct Framework, including review of alignment with CMMP (also in Precinct 1).	Short-term
	4.2	In collaboration with Williamstown Maritime Precinct Framework, advocate for the sustainable activation of foreshore areas adjacent to Nelson Place and Battery Road and upgraded connectivity, amenity, and safety of the shared trail along Nelson Place and Battery Road.	Short-term
	4.3	Assess condition of Newport and Williamstown Anglers Club jetties, to inform feasibility of possible upgrades/ modifications. May include provisions for paddle craft pontoon to meet demand and future proofing for changing climate.	Medium-term
5. Promote stewardship and collaborative management	5.0	As per Council-wide initiatives.	-

Precinct 2 - Stony Backwash to Ferguson Street

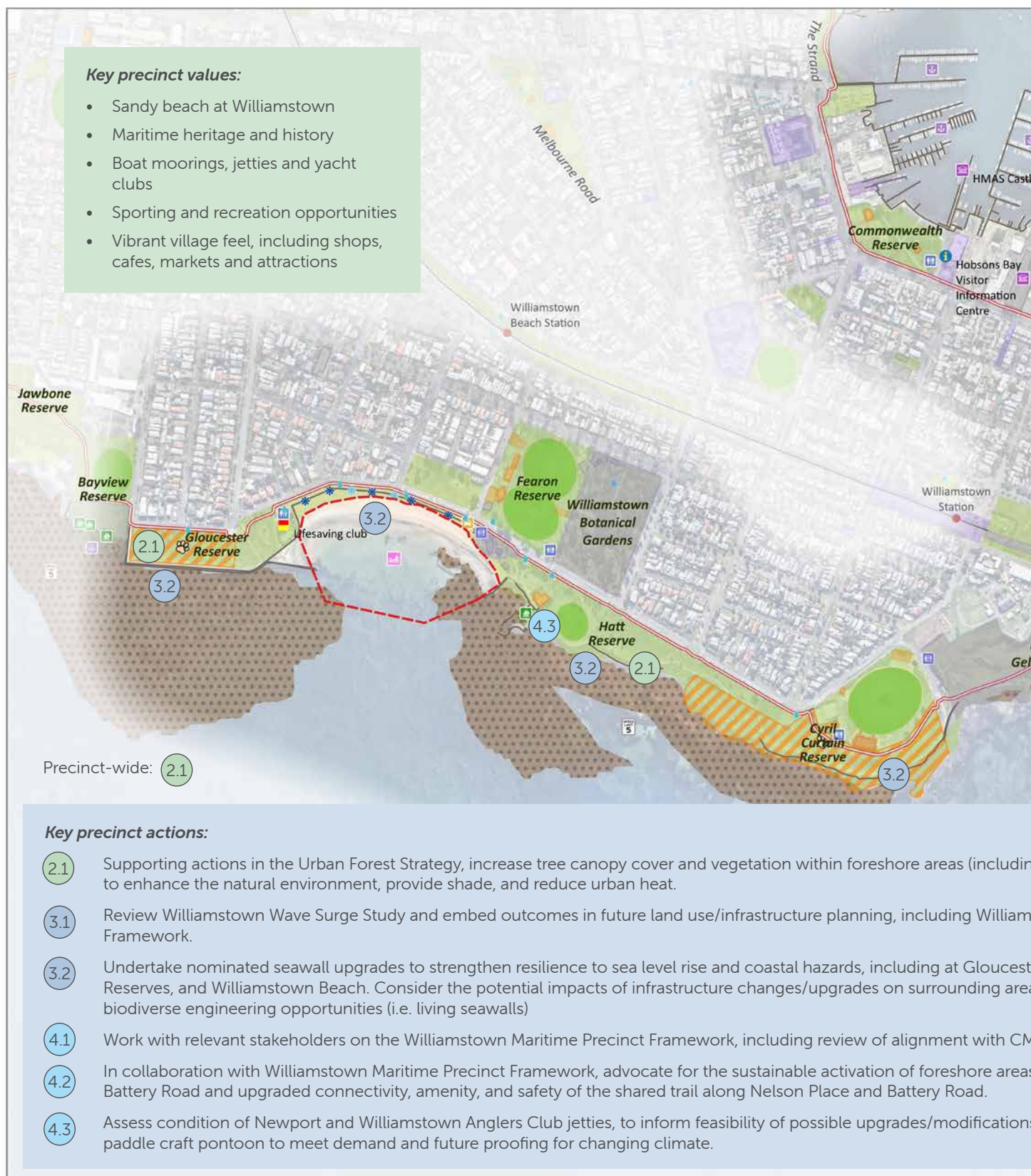


Figure 14. Precinct 2 key features, values, challenges, and actions.



Boating and beach access:

- Boat mooring points
- Boat Ramp
- Vehicle Access
- Access Stairs
- Pedestrian Access
- Speed Restriction (5 Knots)
- Vessels Prohibited (All Vessels)

Open space, structures and other facilities:

- Drinking fountains
- Public toilets
- Shared paths
- Coastal structures
- Open Space
- Recreation facilities
- Sportsfields
- Off-leash dog areas
- Heritage Register areas
- Attractions
- Hobsons Bay Visitor Information Centre
- Lifesaving clubs

Coastal and marine ecosystems:

- Coastal saltmarshes, saltflats and saline reedbeds
- Infralittoral rock

Other features:

- Rail stations
- Railway

5.3 Precinct 3 – Bayview Street to Cherry Creek – Williamstown North

Precinct 3 extends from Bayview Street, Williamstown to Cherry Creek, Seaholme. The precinct covers extensive nature reserves and wetlands, as well as Kororoit Creek and Cherry Creek. The precinct covers the western portion of Williamstown and eastern Altona.

Much of the precinct is designated nature or coastal reserves, with some industrial areas north of Kororoit Creek, including the Altona Mobil refinery and other industrial and commercial areas.

Major reserves and public open spaces in Precinct 3 include Jawbone Conservation Reserve (including Marine Sanctuary and Flora and Fauna Reserve), JT Gray Reserve, Altona Coastal Park, and PA Burns Reserve, including the Altona dog park.

These reserves are the major attractions in Precinct 3, providing opportunities for walking, cycling and bird watching. Other recreational assets include the dog beach and the small harbour adjacent to Gloucester Reserve.

Proposed actions (Table 11) and mapping (Figure 15) for Precinct 3 are provided below.

PRECINCT 3 PRIORITIES

- Environmental protection of key ecosystems and habitat.
- Increasing resilience to climate change through eco-engineering, innovative solutions, and planning for habitat migration to maintain natural buffers.
- Assessing and addressing ageing infrastructure (Kororoit Creek Fishing Village, Racecourse Road crossing, etc.).
- Defining management roles and responsibilities in areas of complex or uncertain jurisdiction.



Table 11. Proposed Precinct 3 actions

Objective	Actions		Priority
1. Acknowledge Traditional Owners rights, aspirations and knowledge	1.0	As per Council-wide initiatives.	-
2. Protect and enhance the marine and coastal environment	2.0	As per Council-wide initiatives.	-
	2.1	Identify opportunities for maintaining natural buffers, and for habitat creation and vegetation migration up Kororoit Creek and neighbouring reserves, to mitigate habitat loss due to changing climate.	Medium-term
	2.2	Investigate local ecosystem responses/sensitivities to climate change and management implications (linked to research partnerships). Includes wetlands, saltmarsh, mangroves, and other coastal and marine ecosystems.	Short-term
	2.3	Review outcomes of mangrove planting trials and extend planting in other areas, based on outcomes.	Short-term
	2.4	Promote and contribute to environmental monitoring opportunities in Altona Coastal Park, Kororoit Creek and Jawbone Reserve, collaborating with community groups and relevant agencies.	Medium-term
3. Respect natural processes / Strengthen resilience to climate change	3.0	As per Council-wide initiatives.	-
	3.1	Review and revise renourishment approach for Altona Dog Beach, confirming feasibility and implications of dredge material placement from Altona Boat Ramp, and potential impacts on surrounding marine/coastal environments (e.g. Jawbone reserve).	Medium-term
4. Use and develop sustainably	4.0	As per Council-wide initiatives.	-
	4.1	Undertake condition and feasibility assessment of Little Harbour upgrades, include consideration of coastal hazards, marine environment sensitivities and economic risk assessment.	Medium-term
	4.2	Undertake review and options assessment for management of Kororoit Creek fishing village, including recognition of increasing coastal hazards, cultural and heritage values and compliance with local laws/zoning. Review against CMMP.	Short-term
	4.3	Undertake open space improvements at PA Burns Reserve and at Seaholme, including car park, fenced dog off leash zone, and landscaping to meet demand and adapt to changing climate. Include consideration of water and environment sensitive design.	Short-term
5. Promote stewardship and collaborative management	5.0	As per Council-wide initiatives.	-

Precinct 3 - Bayview Street to Cherry Creek

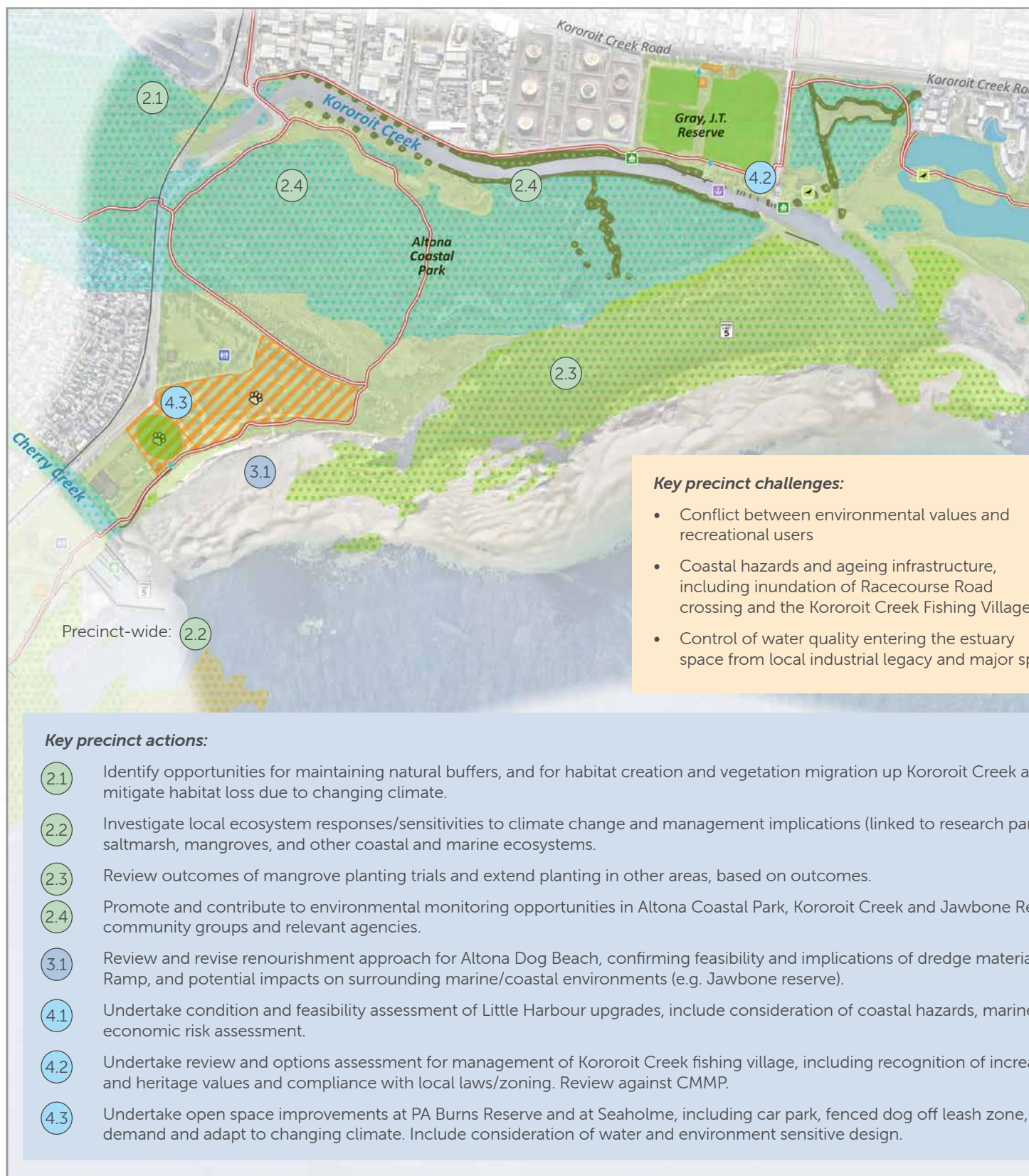


Figure 15. Precinct 3 key features, values, challenges, and actions



5.4 Precinct 4 – Cherry Creek to Maidstone Street – Altona and Seaholme

Precinct 4 extends from Cherry Creek in Seaholme to Maidstone Street in Altona. The precinct covers the activity node at Altona Beach along with Altona Boat Ramp, and the surrounding reserves, including WG Cresser Reserve.

PRECINCT 4 PRIORITIES

- **Supporting upgrades to Altona Pier (currently underway with Parks Victoria).**
- **Promoting beach and foreshore access in an environmentally sensitive manner.**
- **Upgrading sea walls and other coastal protection infrastructure to increase resilience to coastal hazards**
- **Upgrading recreational assets to meet demand and increase amenity values of the foreshore.**
- **Improve drainage functionality, management, and design to strengthen resilience to climate change and achieve efficient drainage management, with defined roles and responsibilities.**
- **Managing conflicts between environment and users of the coast, including defining activity, recreation and environmental nodes and encouraging healthy respect for coastal and marine flora and fauna.**

Key recreational infrastructure along the foreshore in this precinct includes Altona Boat Ramp, Flemings Pool access ramp, the main Altona Beach access, Altona Pier, and the shared trail, running along the Esplanade.

Altona beach is the most popular beach in Melbourne's west. The coastal trail is shaded by iconic Norfolk Island Pine trees, with beach matting providing access to the water for people of different abilities.

The western portion of Altona Beach is designated as a shared wind sports area, with a swimming zone to the east of Altona Pier. Facilities also include public toilets and water fountains along the foreshore.

Hobsons Bay Sport and Game Fishing and Altona Yacht Club are also located in the precinct, at WG Cresser Reserve.

Proposed actions (Table 12) and mapping (Figure 16) for Precinct 4 are provided below.

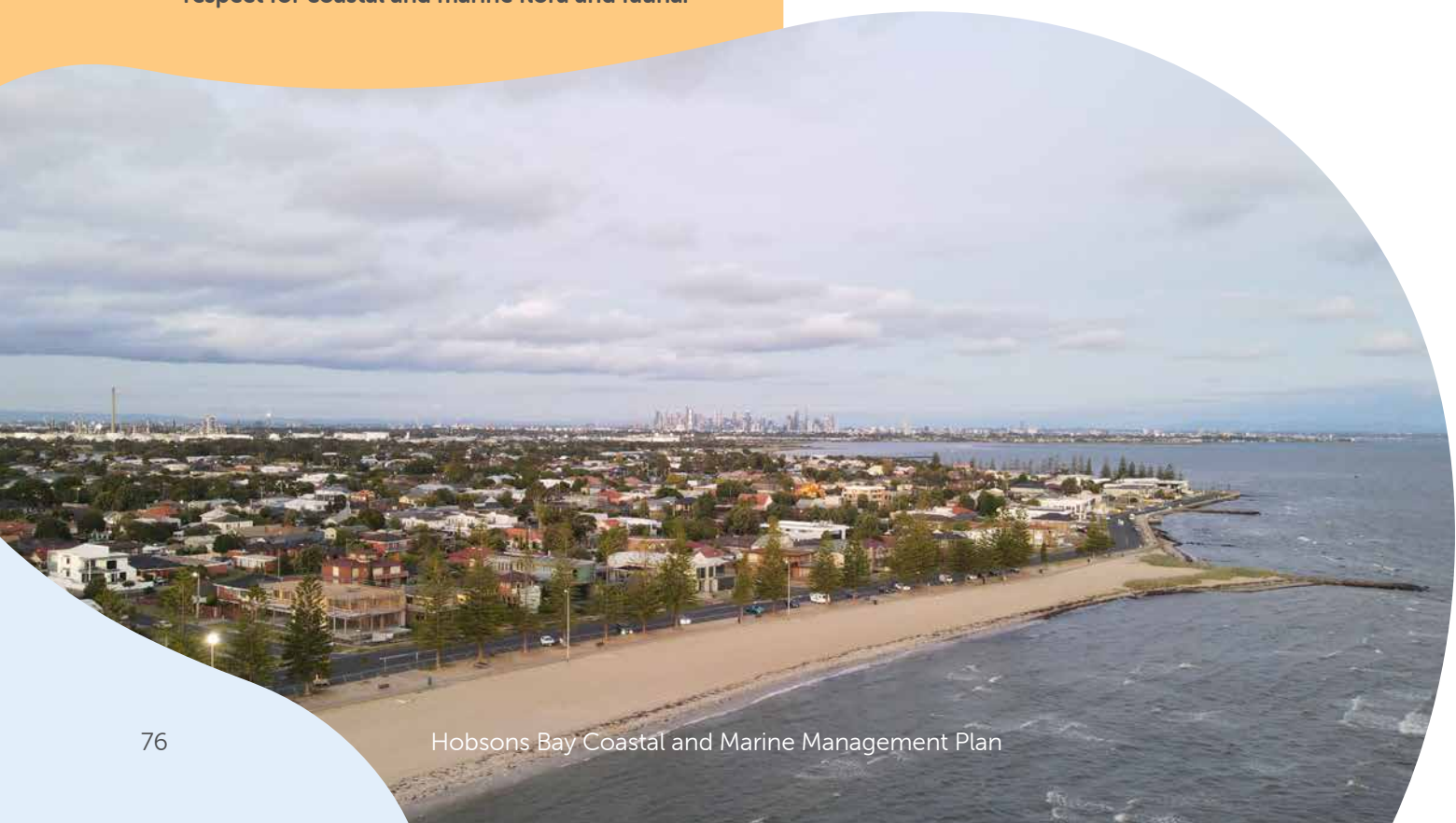




Table 12. Proposed Precinct 4 actions

Objective	Actions		Priority
1. Acknowledge Traditional Owners rights, aspirations and knowledge	1.0	As per Council-wide initiatives.	-
2. Protect and enhance the marine and coastal environment	2.0	As per Council-wide initiatives.	-
	2.1	Install educational signage at Flemings Pool providing information/ education about marine life and advice on protecting wildlife, e.g. litter reduction, stormwater improvements, poaching, fishing etc.	-
3. Respect natural processes / Strengthen resilience to climate change	3.0	As per Council-wide initiatives.	-
	3.1	Continue seaweed management and recycling programs. Review current process, including feasibility and identifying improvement opportunities for efficiencies and responsiveness. Install educational signage in hotspots areas, including information on natural processes and Council's commitment to sustainable management.	Medium-term
	3.2	Assess drainage outfalls to understand interaction with coastal processes and mitigation priorities (i.e. sedimentation, flooding). Includes review and confirmation of roles and responsibilities for drainage, collaboration with relevant asset managers, and incorporation of findings from PPBCHA and catchment flood studies.	Short-term
	3.3	Undertake condition assessments, design, and renewal of jetties, retaining structures and seawalls, including seawall lifts, to strengthen resilience to climate change, including: <ul style="list-style-type: none"> Seaholme foreshore (Cresser Reserve) Altona foreshore Melbourne Water outfall near boat ramp. Include consideration and investigate feasibility of biodiverse engineering opportunities such as living seawalls.	Medium-term
4. Use and develop sustainably	4.0	As per Council-wide initiatives.	-
	4.1	Review actions and undertake upgrades included in the Altona Beach Precinct to ensure alignment with CMMP, recently adopted Urban Forest Strategy and upcoming Climate Change Plan.	Short-term
	4.2	Support ongoing pedestrianisation of Altona Beach esplanade and promote activation of the area.	Ongoing
	4.3	Review and update recreational designated areas for wind sports between Laverton Creek and Altona Pier, including mapping, signage, and information in collaboration with stakeholder agencies and groups.	Short-term
	4.4	Undertake foreshore improvements to meet demand and adapt to changing climate: <ul style="list-style-type: none"> Altona Beach access Boat ramp configuration Kiteboarding/windsurfing infrastructure Include consideration of water and environment sensitive design.	Medium-term
5. Promote stewardship and collaborative management	5.0	As per Council-wide initiatives.	-

Precinct 4 - Cherry Creek to Maidstone Street

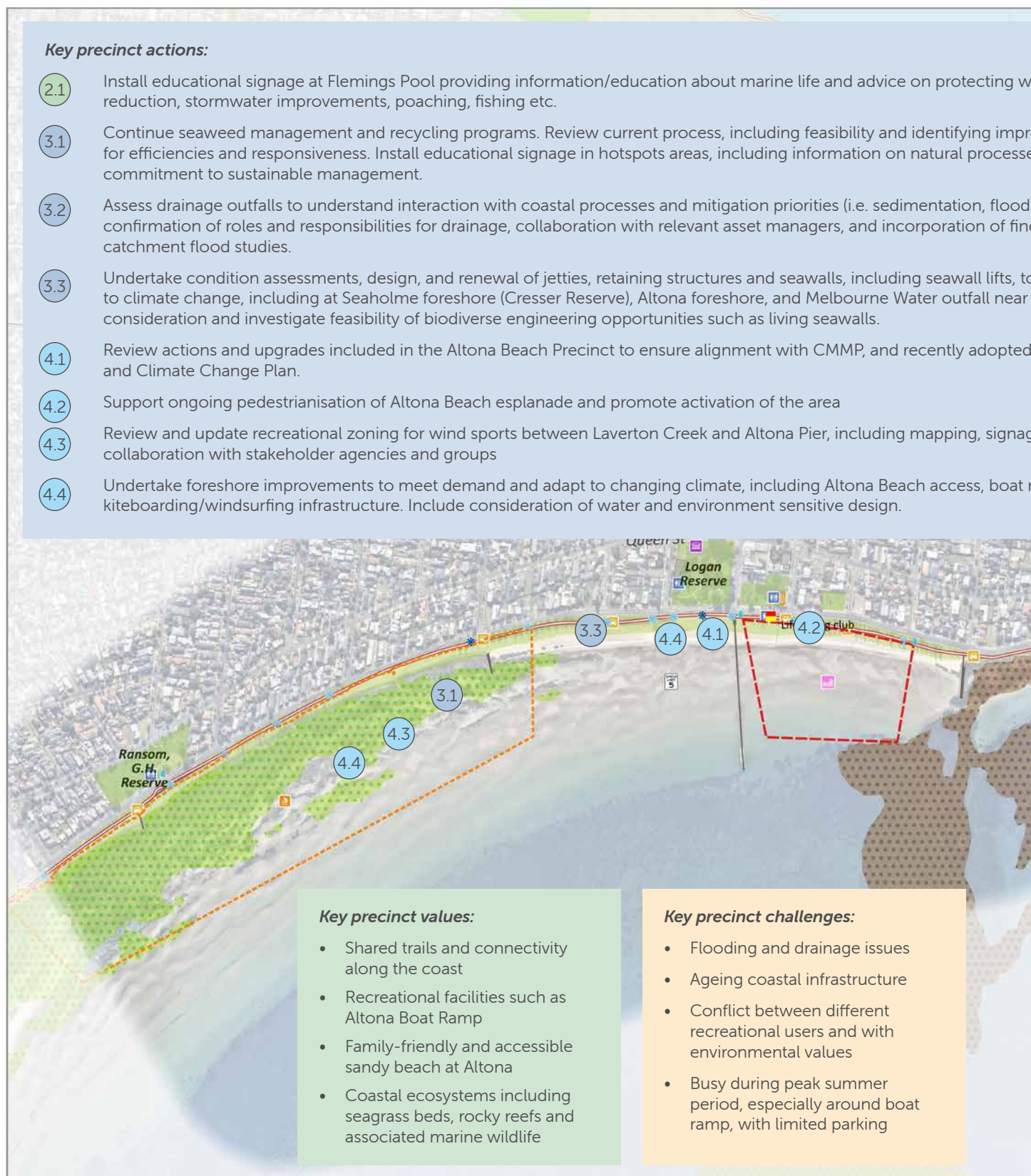


Figure 16. Precinct 4 key features, values, challenges, and actions.



Boating and beach access:

- Boat Ramp
- Vehicle Access
- Access Stairs
- Pedestrian Access
- Speed Restriction (5 Knots)
- Shared Wind Sports Area
- Vessels Prohibited (All Vessels)

Open space, structures and other facilities:

- Drinking fountains
- Public toilets
- Shared paths
- Coastal structures
- Open Space
- Recreation facilities
- Sportsfields
- Off-leash dog areas
- Attractions
- Lifesaving club

Coastal and marine ecosystems:

- Coastal saltmarshes, saltflats and saline reedbeds
- Sublittoral seagrass beds
- Seaweed communities on sublittoral sediment
- Sublittoral biogenic reefs (ascidians - sea squirts)
- Infralittoral rock

Other features:

- Rail stations
- Railway
- Waterways
- Wetlands

5.5 Precinct 5 – Maidstone Street to Skeleton Creek – Altona Meadows

Precinct 5 extends from Maidstone Street in Altona, to the western LGA boundary at Skeleton Creek, Altona Meadows. The precinct covers extensive nature reserves and wetlands, as well as Kororoit Creek and Skeleton Creek.

PRECINCT 5 PRIORITIES

- Protecting and enhancing key environmental values, including wetlands, saltmarsh, mangroves, and bird nesting habitat.
- Assessing and managing Laverton Spit, including access and entrance management.
- Defining recreational, activity and environmental protection areas to reduce conflict between users and environmental values
- Investigating ecosystem response to changing climate and implementing measures to increase resilience.

Cheetham Wetlands and Truganina Park cover a large proportion of the precinct, providing protection for the large wetland, saltmarsh, and mangrove environments. Other reserves in the precinct include Apex Park, Doug Grant Reserve, Truganina Explosives Reserve, and HD Graham Reserve.

The coastal trail runs through these reserves and links up with the Laverton Creek and Skeleton Creek trails. Key attractions in the precinct include the nature reserves and environmental values, as well as the 100 Steps of Federation and fenced dog park at Doug Grant Reserve.

Laverton Spit is a major natural feature in the precinct, gradually accreting to the north east and will eventually meet up with land at Apex Park.

Proposed actions (Table 13) and mapping (Figure 17) for Precinct 5 are provided below.





Table 13. Proposed Precinct 5 actions.

Objective	Actions		Priority
1. Acknowledge Traditional Owners rights, aspirations and knowledge	1.0	As per Council-wide initiatives.	-
2. Protect and enhance the marine and coastal environment	2.0	As per Council-wide initiatives.	-
	2.1	Identify opportunities for maintaining natural buffers, and for habitat creation and vegetation migration up Laverton Creek, at Cheetham Wetlands, and neighbouring reserves, to mitigate habitat loss due to changing climate.	Medium-term
	2.2	Investigate local ecosystem responses/sensitivities to changing climate and management implications (linked to research partnerships). Includes wetlands, saltmarsh, mangroves.	Short-term
	2.3	Continue to work with DELWP and relevant Commonwealth agencies to advocate for the review of existing Ramsar boundaries, including expansion of the boundaries to enhance environmental protection.	Ongoing
3. Respect natural processes / Strengthen resilience to climate change	3.0	As per Council-wide initiatives.	-
	3.1	Work with Melbourne Water and other relevant stakeholders to develop a management plan for Laverton Spit, with consideration of entrance management, flooding impacts, access, and environmental values.	Short-term
4. Use and develop sustainably	4.0	As per Council-wide initiatives.	-
	4.1	Design and construct recreational infrastructure including boardwalk and viewing platforms at Laverton Creek spit and fishing platform on Skeleton Creek.	Medium-term
	4.2	Review and update recreational zoning for wind sports between Laverton Creek and Altona Pier, including mapping, signage, and information in collaboration with stakeholder agencies and groups.	Short-term
	4.3	Support advocacy activities to develop the Hobsons Bay Wetland Centre and ensure alignment with the CMMP, Biodiversity Strategy and Climate Change Plan.	Ongoing
5. Promote stewardship and collaborative management	5.0	As per Council-wide initiatives.	-
	5.1	Install CoastSnap (or similar) monitoring point near Laverton spit, to track and quantify sand movement and provide interactive education tool, including educational signage.	Medium-term

Precinct 5 - Maidstone Street to Skeleton Creek

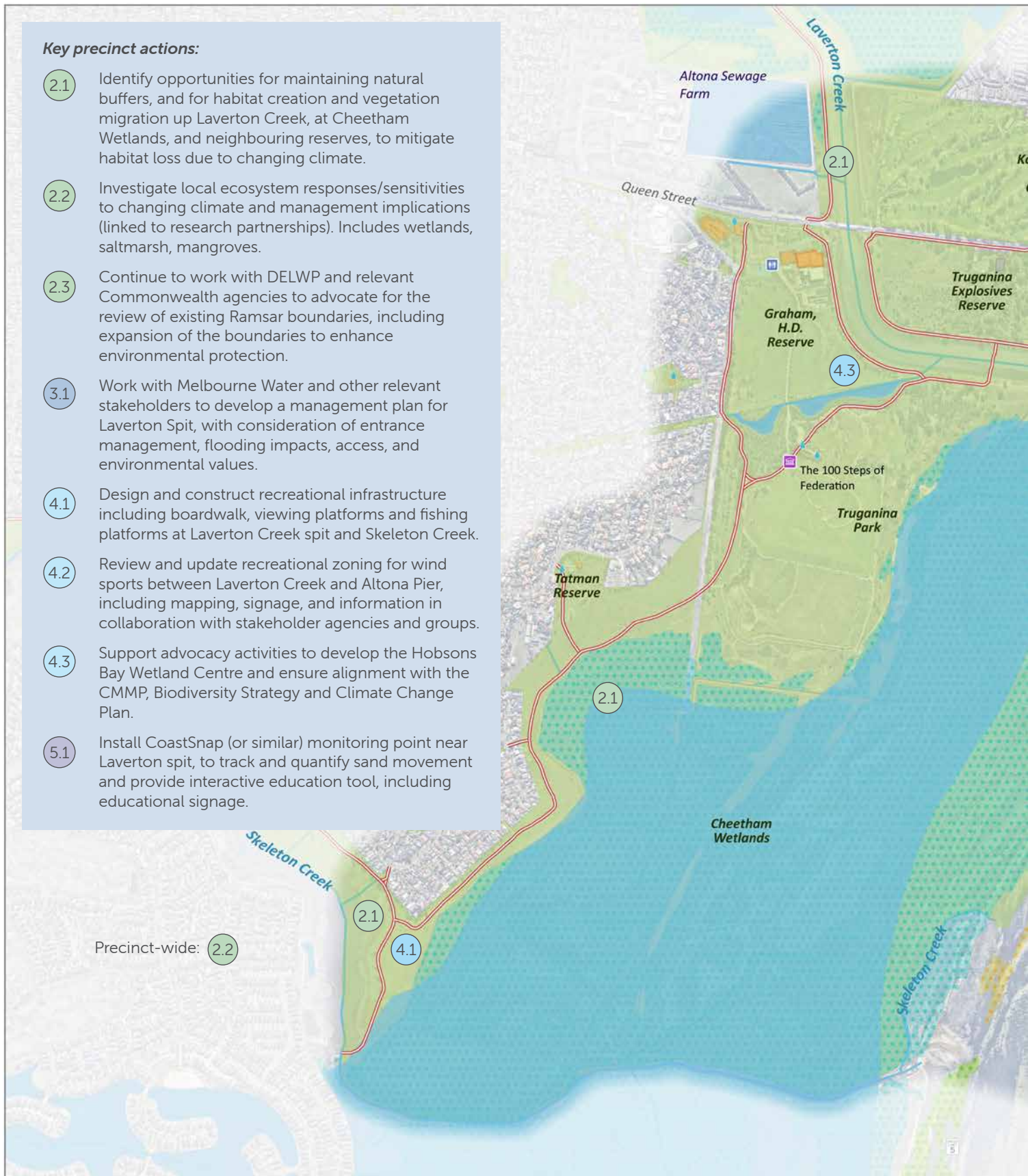
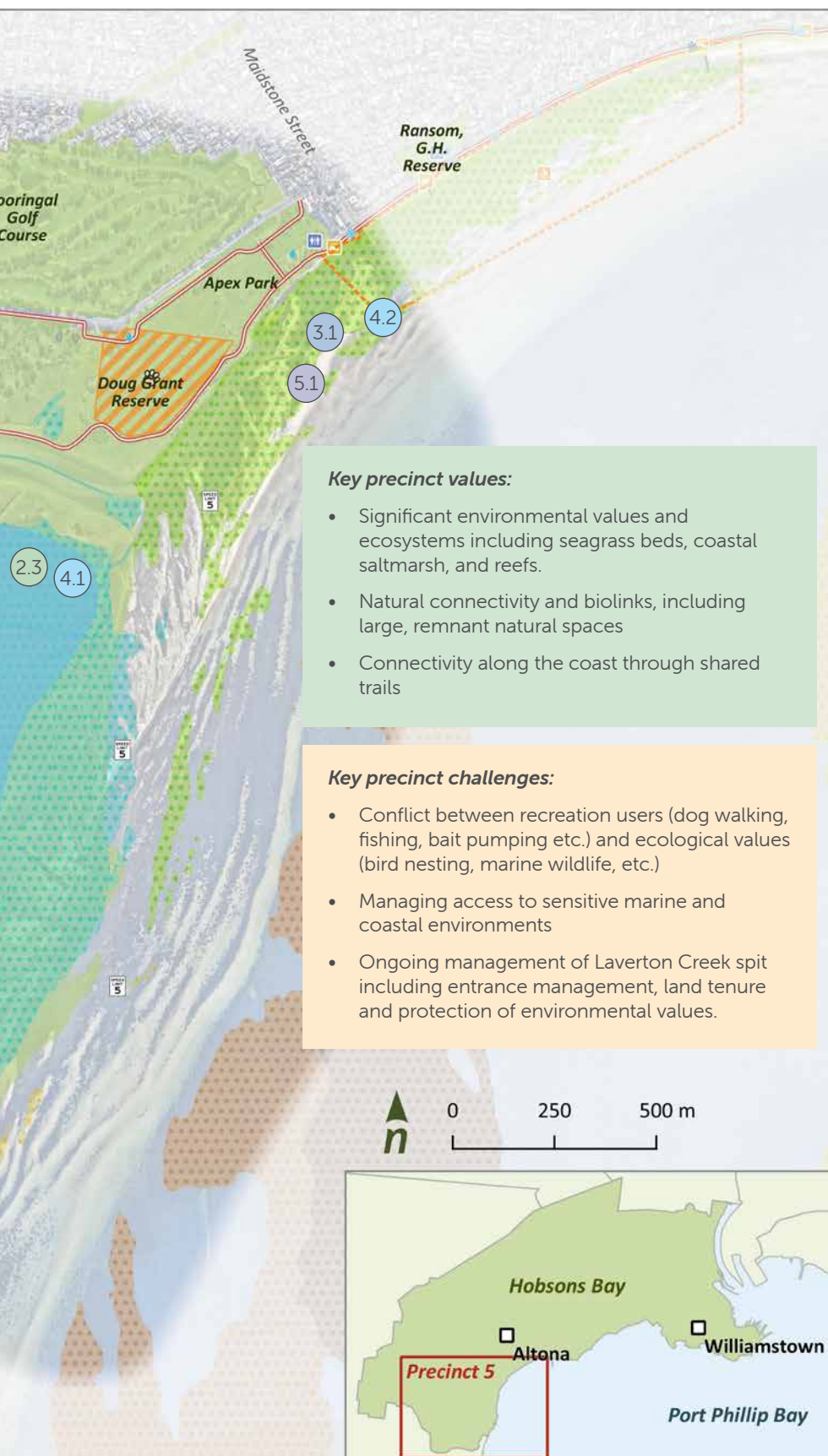


Figure 17. Precinct 5 key features, values, challenges, and actions.



Boating and beach access:

- Vehicle Access
- Access Stairs
- Pedestrian Access
- Speed Restriction (5 Knots)
- Shared Wind Sports Area

Open space, structures and other facilities:

- Drinking fountains
- Public toilets
- Shared paths
- Coastal structures
- Open Space
- Recreation facilities
- Sportsfields
- Off-leash dog areas
- Attractions

Coastal and marine ecosystems:

- Coastal saltmarshes, saltflats and saline reedbeds
- Sublittoral seagrass beds
- Seaweed communities on sublittoral sediment
- Sublittoral biogenic reefs (ascidians - sea squirts)
- Infralittoral rock

Other features:

- Waterways
- Wetlands