



Image 5: Example staircase (Photos for illustrative purposes only).



Image 6: Example coastal trail (Photos for illustrative purposes only).

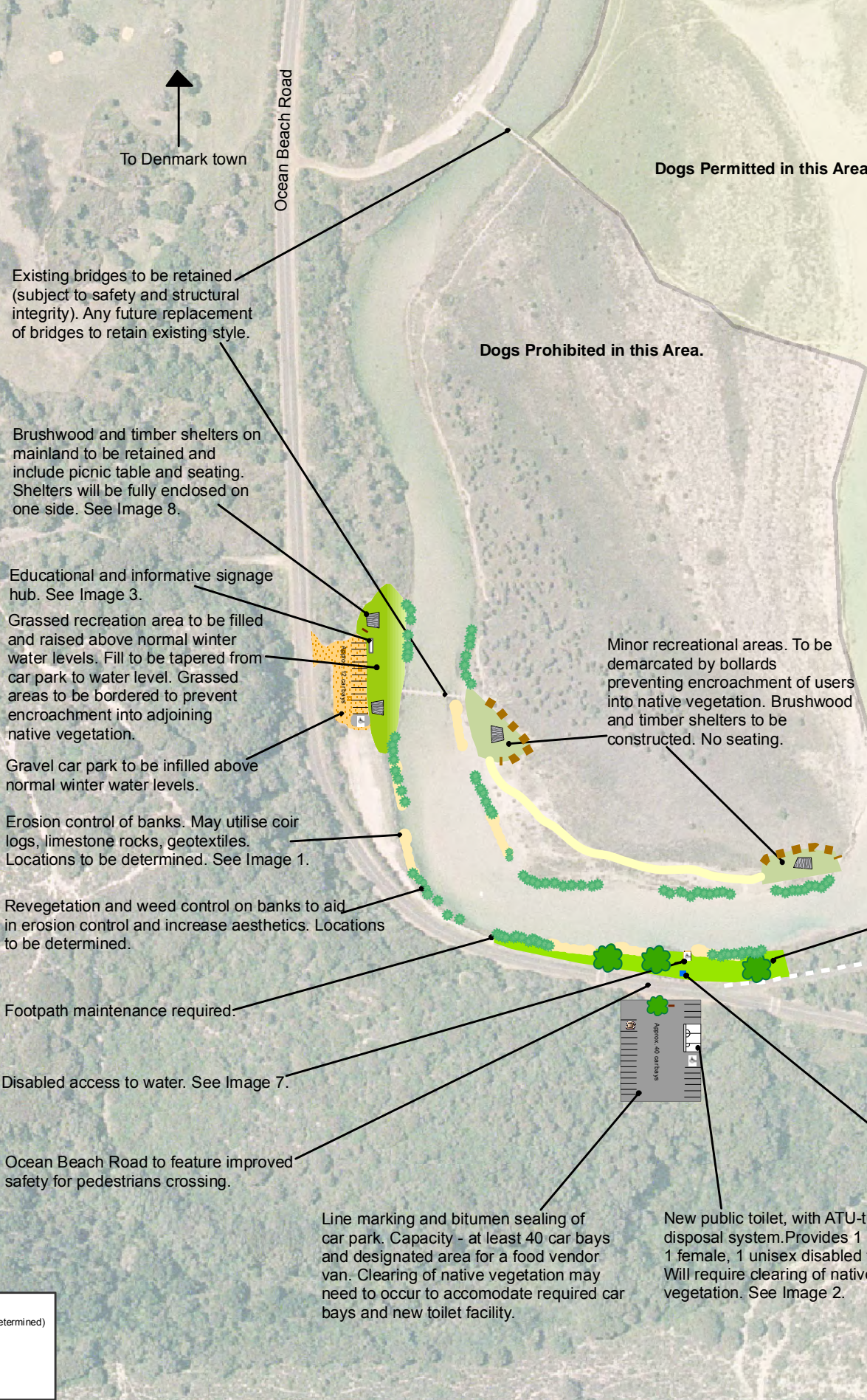


Image 7: Example disabled access to water (to include a hand rail) (Photo for illustrative purposes only).



Image 8: Style of existing shelters to be retained but improved to feature fully enclosed rear wall.

- LEGEND**
- Yellow line: Foreshore rehabilitation - bank erosion protection (specific locations to be determined)
 - Green line: Foreshore rehabilitation - revegetation (specific locations to be determined)
 - Green circle: Existing trees
 - Orange line: Bike rack



VISION FOR PRAWN ROCK CHANNEL

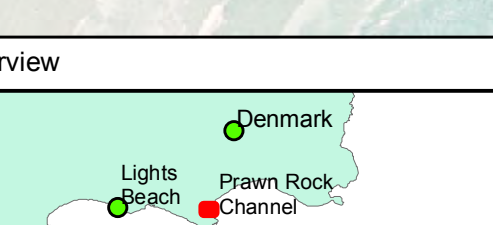
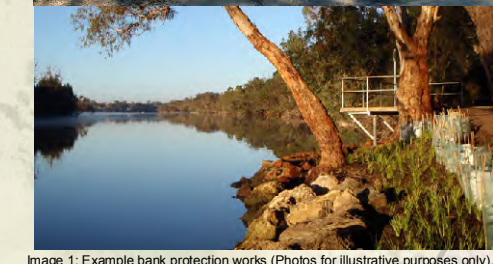
The Prawn Rock Channel area is comprised of Prawn Rock Island and Reserve numbers 20578 and 24596, which are managed by the Shire of Denmark. The area has been used for recreational purposes since the 1940s and major past-times include swimming, fishing, dog-walking, picnicking and, historically, camping (noting camping is no longer permitted as the 'purpose' of the Reserve was changed from 'Camping' to 'Recreation' in 2011). Some of the Prawn Rock Channel area is a recognised dog exercise area as per "Council Policy P050203: Specified Dog Exercise or Prohibited Areas". (Note: the dog exercise areas will not be considered in the Concept Plan).

The Prawn Rock Channel area is subject to future pressures related to increased residential population and visitors. A number of management actions have been recommended in this Concept Plan to provide appropriate and sufficient facilities to accommodate this demand, while implementing adequate controls to ensure the area's environmental values are protected.

The Prawn Rock Channel Concept Plan aims to retain the natural aesthetics of the area. As such, natural materials will be used in the construction of infrastructure and new infrastructure will be kept to a minimum.

General Recommendations

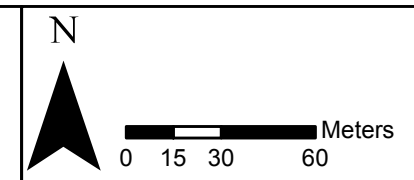
- Walk trails on Prawn Rock Island to be rationalised.
- Weed control, bank rehabilitation/erosion control and revegetation to be conducted on foreshore and Prawn Rock Island. Exact locations requiring work yet to be determined.
- All car parks to retain vegetated buffer (screening) from Ocean Beach Road.
- New and existing signage are to be located ensuring views are not obstructed.



29 September 2015 - Attachment 8.1.1a







DRAFT Prawn Rock Channel Concept Plan



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Map Overview

SCHEDULE OF SUBMISSIONS: DRAFT PRAWN ROCK CHANNEL CONCEPT PLAN

Submission Number	Submitters Details	Submission	Prawn Rock Channel Concept Plan Working Group Comment
1	Bronwyn Wallace	<p>Hi Dawn, These were taken 23/6/15, and I have been trying to think for a while now how we can improve this magnificent spot for everyone. I visited the new cemetery in Mt Barker recently, & this is what we need at the lookout!!</p>  <p>Another view at the Ocean Beach/Channel lookout, from the Seniors bus seat!</p>  <p>View for Seniors of beaches & inlet at the lookout, from the bus seat.. Cant get down onto platform.</p>  	<p>In the short-term, strategic pruning of vegetation at the Ocean Beach lookout is supported, to allow improved views for those not able to access the lookout. All pruning will be in accordance with the <i>Environmental Protection (Clearing of Native Vegetation) Regulations 2004</i>.</p> <p>Any revegetation conducted at the lookout to avoid tall plant species.</p> <p>In the longer-term, any redevelopment of the lookout will consider disabled access, as already noted in the draft Concept Plan.</p>

The view of Ocean beach from Ocean beach Lookout. Peppermints have been cut hacked back before, & look chopped about. Great for blocking views..



This is the only view at the lookout for anyone who cannot leave their vehicle. Too bad if there's already a vehicle parked there. Not accessible to disabled people.

Hi Dawn, As mentioned, here are the photos of the New Mt Barker Cemetery, Beautiful! Open, disabled toilet, breezeway, but partitioned. Doesn't have a BBQ, (it's a Cemetery). Shade, seating, roomy, drinking water.

Drastically more parking needed too. Sometimes I feel pressured to leave because so many cars behind me.



Wouldn't we be proud of something similar for our Community & Tourists to view our spectacular unique spot!!

A toilet/undercover area at the lookout is not considered appropriate. However, the style can be considered for the new public toilets proposed for the car park.




Disabled & only toilet, Drinking fountain. (could be a rainwater tank).



Beautiful open breezeway, with some partitioning if windy or privacy for talking! Note the Bin for rubbish!! Great idea...



		<p>This could even have some area around the edges for plaques of people whose ashes were scattered off the edge!! Charming!!</p>  <p>Mt Barker Cemetery.</p>	
2	DAA	<p>I refer to the letter sent by Ms Annette Harbron to the Department of Aboriginal Affairs (DAA) dated 1 July 2015. Thank you for providing the opportunity to comment on the above concept plan.</p> <p>It is understood that the concept plan relates to the Prawn Rock Channel recreation areas, Prawn Rock Island and the Ocean Beach Lookout (the Concept Plan Area).</p> <p>DAA has reviewed the relevant information and can confirm that there is currently one known Aboriginal heritage place registered with the DAA within the Concept Plan Area. That heritage place is DAA 4668 (Katelysia Rockshelter).</p> <p>Information on the actual location and extent of the rockshelter provided to DAA to date has been indicative only. Therefore the extent of DAA 4668 is currently mapped as a circular polygon with a diameter of 600 metres. DAA understands that this may not reflect the actual boundary of the heritage place and encourages the provision of more accurate information on the location and extent of DAA 4668 to enable it to be more accurately mapped on the Register of Aboriginal Sites.</p> <p>Information provided to DAA on the outcomes of previous consultation with representatives of the Noongar community over the DAA 4668 area indicates that there are the following concerns over future developments in this area:</p> <ul style="list-style-type: none"> • potential impacts to the band of vegetation situated between the rockshelter and the road, as the vegetation serves to protect and mask the presence of the rockshelter; • future extensions or the renovating of the carpark on the opposite side of the road to the rockshelter; 	<p>Noted. Development and implementation of the Concept Plan will take into account potential impacts to Aboriginal heritage values.</p>

		<ul style="list-style-type: none"> • any widening or re-routing of the Ocean Beach Road; • the removal of sand from the Prawn Channel itself and adjacent banks; • alterations to the integrity of the banks or road may lead to a re-route of the channel. <p>The issues raised appear to be primarily concerned with the stability and integrity of local landforms and ensuring that the rockshelter remained stable and secluded.</p> <p>Having reviewed the Concept Plan, DAA is satisfied that the proposed works will generally serve to enhance the stability and integrity/security of the local landforms, including DAA 4668.</p> <p>It is however noted that the Concept Plan currently requires the clearing of native vegetation in some areas (away from the rockshelter) as well as renovation of the carpark opposite the rockshelter, footpath maintenance and other alterations. In order to determine whether the proposed activities will impact on the heritage values of the area, a due diligence risk assessment should be conducted.</p> <p>DAA has released Cultural Heritage Due Diligence Guidelines (the Guidelines) to assist land users/developers with planning and considering Aboriginal heritage during proposed works. It is recommended that the Shire and developer should be aware of the Guidelines. A copy of the Guidelines can be found on the DAA website at: http://www.daa.wa.gov.au/Documents/HeritageCulture/Heritage%20management/AHA_Due_Diligence_Guidelines.pdf</p> <p>It is suggested that the Shire/developer contact DAA on the above number should there be any further heritage queries or concerns.</p>	
3	Wilson Inlet Restoration Group	<p>The road access through the area of prawn rock channel is a safety issue with the roads proximity to the channel and car park crossing, this road is not designed for fully loaded semi trailer lime trucks coming around a down hill blind bend into a disable recreation area , plus all the other traffic in peek tourist times going to the surf club area and lookouts for functions ,surfing events ,surf club, sea search and rescue, movies, caravan park etc, we think a ring road is needed around this area , there is a track called the back beach track which goes around the back of the cliffs and is only a short distance to the surf club carpark ,if the majority of the traffic was directed this way and make the road to prawn rock channel heading south one way and more speed humps , traffic speed to 20k per hr and a slow point near the carpark crossing, and at certain points you could have more parking on the channel side of the road,</p> <p>We would also like a broken curb installed to let the water run off through, starting at the board walk approx. 30m where the walkway comes in contact with the channel to stop wheel chairs toppling into the inlet ,</p> <p>At our meeting on the 8th of July the rest of the plan was supported.</p>	<p>The alternative road access is outside of the scope of the draft Concept Plan. Note also:</p> <ul style="list-style-type: none"> • Preliminary desktop investigations by Shire staff considered an alternative longer road realignment would be constrained by topography and require major engineering works. • Council did not support a draft Concept Plan which included a shorter road realignment, due to site constraints and less-than-anticipated social and safety benefits (see Council meeting minutes 16 June 2015). <p>Kerb will be considered during the detailed design phase and/or routine maintenance. Will need to take into account water sensitive urban design best practice.</p>

4	J Phillips	<p>1. Needs 10 minute limit on parking either side of toilets for <u>other</u> areas to use!</p> <p>2. Needs <u>paths</u> at front of parked cars to access toilets and road crossing.</p> <p>3. Disable access to water needs <u>rails</u>.</p> <p>4. Needs road 10kph signs either side of area.</p> <p><u>Dog Area Access</u></p> <p>1. Needs road raised above water level.</p> <p>2. Needs One Way Signs “In” “Out” at entrance of road.</p> <p><u>Top Area</u></p> <p>1. Needs <u>angle</u> parking <u>on water</u> - cliff <u>side</u> to view ocean by aged and acrod holders.</p> <p>2. Keep steps to lookout shallow.</p> <p>3. Vegetation on water side kept <u>low</u>.</p> <p>VIP – <u>Under cliff area on bend</u> Remove undergrowth. Fill and grass with trees.</p>	<p>1. and 2. Will be considered as part of detailed design.</p> <p>3. Hand rails have already been included in the draft Concept Plan.</p> <p>4. Review of speed limits may form part of the improved pedestrian safety investigations for Ocean Beach Road, as already included in the draft Concept Plan.</p> <p>1. Raising the road is considered unnecessary, given the dog exercise area is also inaccessible during periods of high water.</p> <p>2. In-principle support. Will be considered by Infrastructure Services independent of the Concept Plan. Appropriate signage will be required.</p> <p>1. Not supported, given the extent of vegetation clearing/pruning required to establish views from a parked vehicle.</p> <p>2. Current gradients do not allow disabled access to the lookout. In the longer-term, any redevelopment of the lookout will consider disabled access, as already noted in the draft Concept Plan.</p> <p>3. In the short-term, strategic pruning of vegetation at the Ocean Beach lookout is supported, to allow improved views for those not able to access the lookout. All pruning will be in accordance with the <i>Environmental Protection (Clearing of Native Vegetation) Regulations 2004</i>.</p> <p>VIP – Location of this area is unclear. The draft Concept Plan already recommended some clearing of vegetation to increase the grassed area available for recreation. Clearing in other areas is constrained by topography and potential impacts to Aboriginal heritage values.</p>
5	Department of Water	<p>The Department of Water (DoW) has no objections to the proposed concept plan for Prawn Rock Channel and provides the following comments.</p> <ul style="list-style-type: none"> • The DoW supports the use of soft engineering options – plants, geotextile, coir logs & sandbags – to address bank erosion issues • Stormwater runoff from existing and proposed carparks should be managed to control erosion and prevent runoff of polluted stormwater into the Inlet. Stormwater should be infiltrated via swales or bio-retention basins. 	Noted for the detailed design phase.



Image 5: Example staircase (Photos for illustrative purposes only).



Image 6: Example coastal trail (Photos for illustrative purposes only).



Image 7: Example disabled access to water (to include a hand rail) (Photo for illustrative purposes only).



Image 8: Style of existing shelters to be retained but improved to feature fully enclosed rear wall.

- LEGEND**
- Foreshore rehabilitation - bank erosion protection (specific locations to be determined)
 - Foreshore rehabilitation - revegetation (specific locations to be determined)
 - Existing trees
 - Bike rack

All-season access to dual-use path:

Existing bridges to be retained (subject to safety and structural integrity). Any future replacement of bridges to retain existing style.

Brushwood and timber shelters on mainland to be retained and include picnic table and seating. Shelters will be fully enclosed on one side. See Image 8.

Educational and informative signage hub. See Image 3.

Grassed recreation area to be filled and raised above normal winter water levels. Fill to be tapered from car park to water level. Grassed areas to be bordered to prevent encroachment into adjoining native vegetation.

Gravel car park to be infilled above normal winter water levels.

Erosion control of banks. May utilise coir logs, limestone rocks, geotextiles. Locations to be determined. See Image 1.

Revegetation and weed control on banks to aid in erosion control and increase aesthetics. Locations to be determined.

Footpath maintenance required.

Disabled access to water. See Image 7.

Ocean Beach Road to feature improved safety for pedestrians crossing.

Line marking and bitumen sealing of car park. Capacity - at least 40 car bays and designated area for a food vendor van. Clearing of native vegetation may need to occur to accommodate required car bays and new toilet facility.

New public toilet, with ATU-type disposal system. Provides 1 male, 1 female, 1 unisex disabled toilet. Will require clearing of native vegetation. See Image 2.

Existing fountain. To Ocean Beach (Surf Life Saving Club, Wilson Head, Lookouts)

Minor recreational areas. To be demarcated by bollards preventing encroachment of users into native vegetation. Brushwood and timber shelters to be constructed. No seating.

Dogs Prohibited in this Area.

Dogs Permitted in this Area.

To Denmark town

Ocean Beach Road

VISION FOR PRAWN ROCK CHANNEL

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General Recommendations

Walk trails on Prawn Rock Island to be rationalised.

Weed control, bank rehabilitation/erosion control and revegetation to be conducted on foreshore and Prawn Rock Island. Exact locations requiring work yet to be determined.

All car parks to retain vegetated buffer (screening) from Ocean Beach Road.

New and existing signage are to be located ensuring views are not obstructed. Signage content to include information regarding the Wilson Inlet sandbar opening.

Grassed recreation area to be expanded, requiring clearing of native vegetation. Existing trees and native vegetation on bank edge to be retained.

Improve pedestrian safety with footpath and bollards.

Line-marking of car park to accommodate angled (all-day parking) and parallel (30-minute parking) bays. Clearing of native vegetation will need to occur. Consider provision of bays for long vehicles.

Maintenance/upgrade of the Ocean Beach Lookout. Any upgrades to consider potential for disabled access.

Permanent closure of track to inlet from Lookout once new stairs constructed. Strategic pruning of vegetation to enhance views (short-term only). Any revegetation to use low-growing plant species.

New track and stairs to Ocean Beach. Stairs to include viewing platform. See Image 4-6.



Image 1: Example bank protection works (Photos for illustrative purposes only).



Image 2: Example public toilets (Photo for illustrative purposes only).

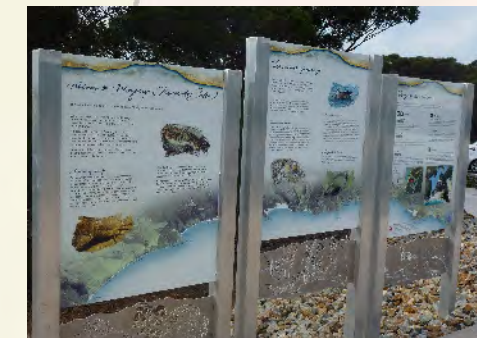


Image 3: Example educational signage hub (Photo for illustrative purposes only).

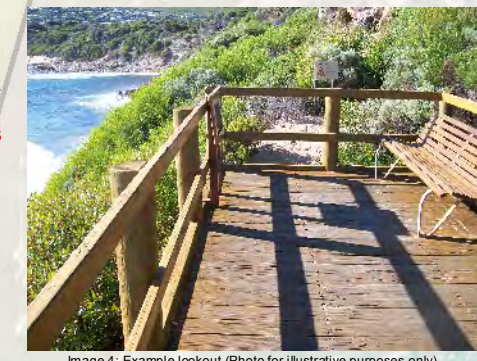


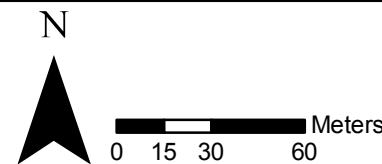
Image 4: Example lookout (Photo for illustrative purposes only).

29 September 2015 - Attachment 8.1.1C



Prawn Rock Channel Concept Plan

Adopted by Council at the Ordinary Meeting of Council held on INSERT DATE.



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Map Overview

