

District Pedestrian / Cycle path and Coastal Walk Entry to Precinct, separate bridge to roadway, (no space).

Significant erosion to base of foredune along vegetated northern section of Reserve foreshore, restrict and cater for beach access; enhance and protect stabilising dune vegetation. Trees on the foreshore are aging with no regeneration, - under-plant.

Existing Toilet building, dominant in the middle of Reserve. Lost opportunity to incorporate in Surf-Club. Thus decrease built-form dominance. Screen substation and add more shade trees in reserve.

Pedestrian / Cycle path and Coastal Walk Options:
 1) Recreation based shareway linking tables, facilities and car parking and providing a through route or
 2) Directional 'means of transport' Ped/Cycloway, separate generally along Beach Street and Ocean Drive easements; with narrower coastal walk along beach fronts.

Grass 'overflow' parking area not designed to be accessible full time and is highly degraded by traffic. Immediate: restore area, restrict/manage access and monitor. Formalise and cater for car parking toward the rear/west of reserve at upper level.

New Surf Club building and landscaping; plantings successful and 'covered' quickly. Some good lessons in planting here.

Area too steep to mow, mass plant with low shrubs.

Revise/upgrade cross-over. The pedestrian link across Ocean Drive requires reinforcement of visual-awareness to further alert and prepare drivers for the cross-over. This forms the link between the busy Rainbow Beach Surf-club Reserve to the shop and the Community Hall reserve with its popular and well used skate park beyond.

Additional pedestrian pathway links are required to connect the Bus stop, skate-park and Community Hall areas.

Skate-park; about 25 people were using it at the time of Site Inspection, which is advised as 'average'. There are no toilet facilities available near the Park. Toilets are needed; Services are available and some investigation & design work has already been done to accommodate this attached to the Hall. Upgrade general landscaping.

Caravan Park: Management recently transferred to LPGA from Council, there are issues which interact with the Reserves and need coordination; i.e. The integration of the Coastal Walk and Public pedestrian/cycle thoroughfare. Cycle traffic through the Park is not believed good or desired by the cyclists. Recreational walking and slow cycling should be accommodated on the Coastal Walk / Public foot-path. Coordination with LPGA required.

Track between Skate-park & tennis courts probably developed from sewer main construction, is eroding. Either 1) Provide gravel surface with roll-overs or 2) regenerate with endemic sp. - Prefer former.

Tennis Courts area and parking is located in a section of the Community Hall Reserve well away from other facilities and infrastructure. (There must be an historical reason?) Should opportunity and community desire arise for their relocation close to the Hall and car park, do so, as shared infrastructure and amenities is more cost effective. However if to remain here for years, formalise and pave car parking and intersection.

Boat Ramp use is limited by the shallow and rocky launch area. Only at high tide can small - medium size run-abouts be launched. The rock also has the advantage of preventing vehicles onto the beach. Most use of the area is for parking while visiting the beach. At peak and wet times, car parking degrades the area and with increased use over time parking will need to be formalised. A vehicle track and turning near the Caravan Park is degrading and not needed.

Coastal Walk / Pedestrian Path requires formalising across the boat ramp access road to bridge. Area is being regenerated as Coastal Rainforest (SEPP 26) a better view/legibility of the path to bridge is suggested. Coastal Walk / Path then joins existing track, following top of escarpment.

Generally; forest in this area relatively intact, with few weeds in the gully, most are dispersed in the dry sclerophyll and coastal escarpment areas, which if regularly tackled, will not become a major issue - if left to grow, a major problem will ensue.

Area of exotic long grasses under canopy of Banksia, Either plant out to regenerate 'Bushland' clear shrubs and mow for 'Parkland'. Former is proposed as is lower maintenance long term.

Large relatively level area of existing mown grass, clear of major traffic routes (i.e. Ocean Drive) opportunity for greater use and large venue activities with noise in parking from street. This takes pressure off areas of other reserves.

Areas of erosion caused by access, slope and water: Barrier and regenerate.

Eroding well used slide track down steep scarp. Option 1) Barrier, topsoil and revegetate, or 2) Construct elevated timber steps & landings (eg at N Shelleys)

This area of slope used by paragliders for recreation and school, either: formalise arrangements and ensure no physical barriers for injury or ban.

Area of more intense weed invasion/colonisation; Lantana Banana Passion fruit etc. Minor work now to enhance and get on top of them.

Bartlett's Beach facilities area: For Reserve use, toilet and SPS would have been better located to rear of reserve, accepting this, Toilet reaching end of useful life. Rehab with smaller toilet, maintain passive supervision; rationalise parking, picnic table, BBQ paths etc provision; in integrated format in more appropriate locations. Further display and interpret historic reservoir, provide safety above cliff face; widen beach access path and revegetate drainage line.

Dead Melaleuca quinquenervia and rough long grass area unsightly and likely harbour vermin. Either revegetate area with gully (above) or clean up to mowable parkland - Author prefer former option.

Open space, relatively steeply sloping, excludes many activities, such as ball games etc. however it is valuable for walking and viewing the coast. Nana Klump's Reserve at the end is also a recreational & historical point of interest. Stormwater outfalls need some better dispersal system and Norfolk Island Pines are not doing well and tops appear to have been blown out.

'Make safe' some accessible points to top of escarpment; barrier plant to deny/restrict access or fence to secure safety. Escarpment severely weed infested with problem species such as fishbone fern as well as the usual Lantana and Bitou-bush and Banana Passion-fruit.

Perimeter tracks around the 'bushland' areas of the Reserve act as fire break, point to back-burn from and obtain access for weed control. This is 'a double edged sword' as weeds are also carried by vehicles and germinate from the effects of 'fire' as much as 'native' species. As evidenced in the north west area.

Area of more level land, much of it weed degraded; most suited to development for future community / recreation facilities.

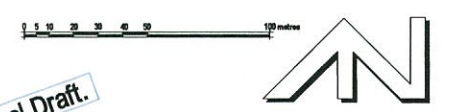
Track follows swale with large dia summer-flow pipe and grated (surcharge) pits at roughly 50M centre.

GENERAL NOTES RE TREES:

Apart from the larger 'Bush-land' areas of the Reserves; many of the trees are mature and under stress; there are few young trees replace the aging. This is important on the foredune (and Park) areas of Rainbow Beach, around the development areas of Community Hall Reserve and adjacent the Bartlett's Beach 'facilities' area.

The community and Landcare are evidently active in the area and progressively addressing the weed and revegetation of important natural environments. By the nature of the work, this takes time and moderate follow up work to maintain the areas relatively weed free.

There is a trend to spend money on larger tree specimens for parks, such as recent plantings at the Community Hall play area. The cost of plant, planting, protection and long time to settle-in and grow are several downsides avoided where planting many small plants.



Final Draft.

Project: Bonny Hills, Reserves Master-planning.

Overall Analysis Plan.

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