



CALOUNDRA TOWN RESERVE

LANDSCAPE CONCEPT PLAN

OCTOBER 2017



LEGEND

- Existing Path.
- Proposed Shared Path - Sealed/Constructed Boardwalk. Dogs on lead permitted
- Proposed Multi-use Trails - Unsealed. Dogs on lead permitted
- Existing Mountain Bike Trails to be Retained
- Indicative Location of Proposed Mountain Bike Trails
- Existing Mountain Bike Trails to be Decommissioned
- Tunnel/Bridge crossing at trail conflict points
- Existing Watercourses / Drainage Channels
- Proposed Mountain Bike Trail Head with Signage and Map
- Start Line of Downhill / Dual Slalom Trails
- Finish Line of Downhill / Dual Slalom Trails
- Spectator Viewing Locations along Dual Slalom Trail
- Existing Steep Slope / Rock Embankment
- Connections to surrounding pedestrian/cycle network

- 1 Re-positioned access to car park with improved sight lines along Sugar Bag Road. Introduction of turning bays into new car park.
- 2 Proposed sealed car park for
- 3 An open-air flexible/ multiuse lawn area with shade trees for passive recreational activities, capable of facilitating outdoor community events
- 4 Asphalt pump track (multi-user) & junior-intermediate mountain bike skills course.
- 5 Playground. A play space for children located adjacent to open lawn area with visibility to car park, BBQ / shelter and toilet facilities.
- 6 Upgrade existing mountain bike skills course - building upon existing intermediate / advanced skills course features.
- 7 Park amenities including toilets, park maintenance shed, shelter for seating, drinking fountain, bike parking and maintenance.
- 8 Dual slalom mountain bike course.
- 9 Gravity flow mountain bike trail covering a variety of skill levels.
- 10 Multi-use trail (Shared). Unsealed paths. Priority for pedestrians. Dogs on lead permitted.
- 10a Existing access trail to be formed into a gravel multi-use track for maintenance / emergency vehicle access.
- 11 Combined southern trail head and finish line with shelter structure and seating.
- 12 Environmentally sensitive area - no new trails.
- 13 Environmental buffer - 20m offset around environmentally sensitive area. Limited access with a tread lightly approach.
- 13a Environmental area: Existing trails to remain and any new access to be low impact.
- 14a Proposed new shared pathway connecting the reserve with surrounding pathways.
- 14b Upgrade of existing footpath, to improve visibility and grades.
- 14c Proposed shared sealed surface pathway as identified on the future pathways overlay.
- 15 New parking area within road reserve

Note: Proposed paths are indicative and are subject to detailed ground truthing.

BROADER CONTEXT / CONNECTIVITY MAP



INFRASTRUCTURE CORRIDOR



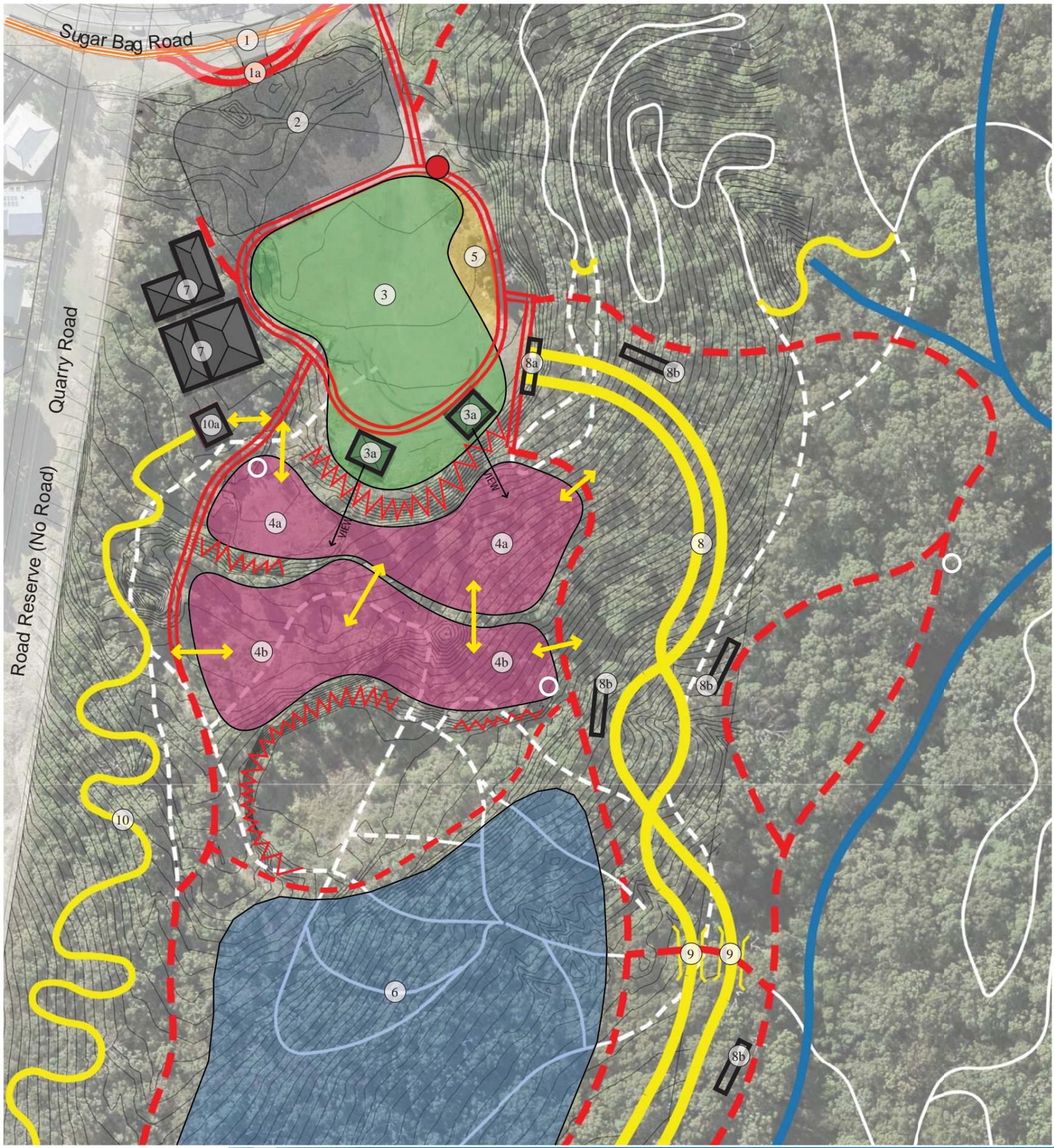
Proposed infrastructure and use of the reserve may be affected in the future by development of this State transport infrastructure corridor.



Play space



Trail Conflict/Barrier Resolution



LEGEND

- Existing Path.
- Proposed Shared Path - Sealed. Dogs on lead permitted
- Proposed Multi-use Trails - Unsealed. Dogs on lead permitted
- Indicative Existing Mountain Bike Trails to be Retained
- Proposed Mountain Bike Trails
- Existing Mountain Bike Trails - To be Decommissioned
- Watercourses / Drainage Channels
- Mountain Bike Trail Head
- Structures
- Steep Slope/Climbs
- Connections to surrounding pedestrian/cycle network

- ① Access / entrance to car park positioned with improved sight lines along Sugar Bag Road.
- ①a Re-alignment of existing shared path for improved safety.
- ② Proposed car park to accommodate approximately 60 car bays, including on-road and off-road parking, and access for emergency vehicles. The car park should be incorporated into existing landscape, maintaining the existing vegetation where practical.
- ③ Passive recreation area to include open space lawn, shade trees, shelters, BBQ seating, drinking fountain and DDA compliant pathways. Space may hold events.
- ③a Seating and picnic shelters with views over the reserve and towards Pumicestone Passage.
- ④a Asphalt pump track (multi-user). A continuous loop of smooth dirt berms or "rollers" that you ride without pedaling. Suitable for mountain bikes, BMX & push scooters.
- ④b Junior / intermediate level mountain bike skills course.
- ⑤ Playground. A play space for children located adjacent to the open lawn area with visibility to car park, BBQ / shelter and toilet facilities.
- ⑥ Existing mountain bike skills course - upgrade features.
- ⑦ Park amenities including toilets, park maintenance sheds, shelter for seating, drinking fountain, bike parking and maintenance.
- ⑧ Dual slalom mountain bike course - Two parallel trails with equal distance, topography, and technical features along the length of the course designed to be raced at the same time by two riders.
- ⑧a Dual slalom course starting gate.
- ⑧b Spectator viewing locations of dual slalom mountain bike course.
- ⑨ Tunnel / bridge at intersection of multi-use trail and dual slalom course.
- ⑩ Gravity flow mountain bike trail - A downhill trail designed to flow continuously over the landscape to maintain a consistent speed to allow riders to complete technical features of various difficulty levels along the trail.
- ⑩a Gravity flow mountain bike trail starting gate.

Note: Proposed paths are indicative and are subject to detailed ground truthing.



Prepared by Consultant:
GREENEDGE DESIGN
 creative thinking | design edge

INDICATIVE IMAGERY



Park Amenities



Junior/Intermediate Skills Course



Pump Track



Dual Slalom Course



Downhill Course

MATERIALS PALETTE



Materials on the site are to be durable and have a natural look to ensure the aesthetic to the site is maintained. All non-sealed existing trails and the majority of new shared trails, shall be managed earth paths. Some trails may be formalised with low impact surfacing, such as 'Bushmates.' Trails will be signed for users and retain the reserve's natural character. Garden beds will layered with stone and native plants to achieve a natural look and feel.

Concrete will be used sparingly throughout the site and is to be used mainly around the open space area linking users to site facilities and achieving DDA compliance.

Retaining walls, should be made from local stone retaining a natural look that reflect's the existing disused quarry rock face.

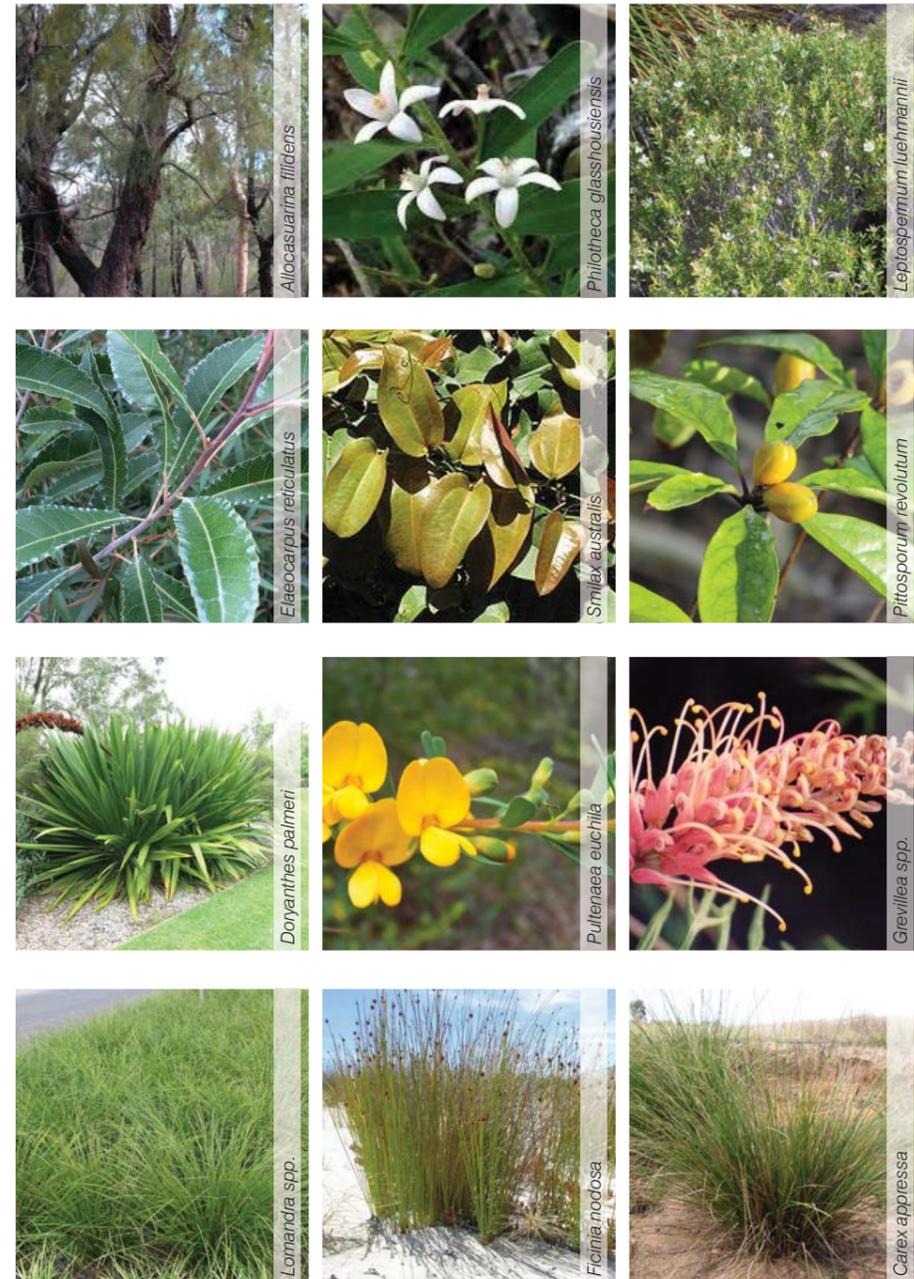
PLANT PALETTE

The selection of plants are to be locally native to the Caloundra area. The limited removal of existing plants, and the use of native species will ensure a natural feel throughout the reserve.

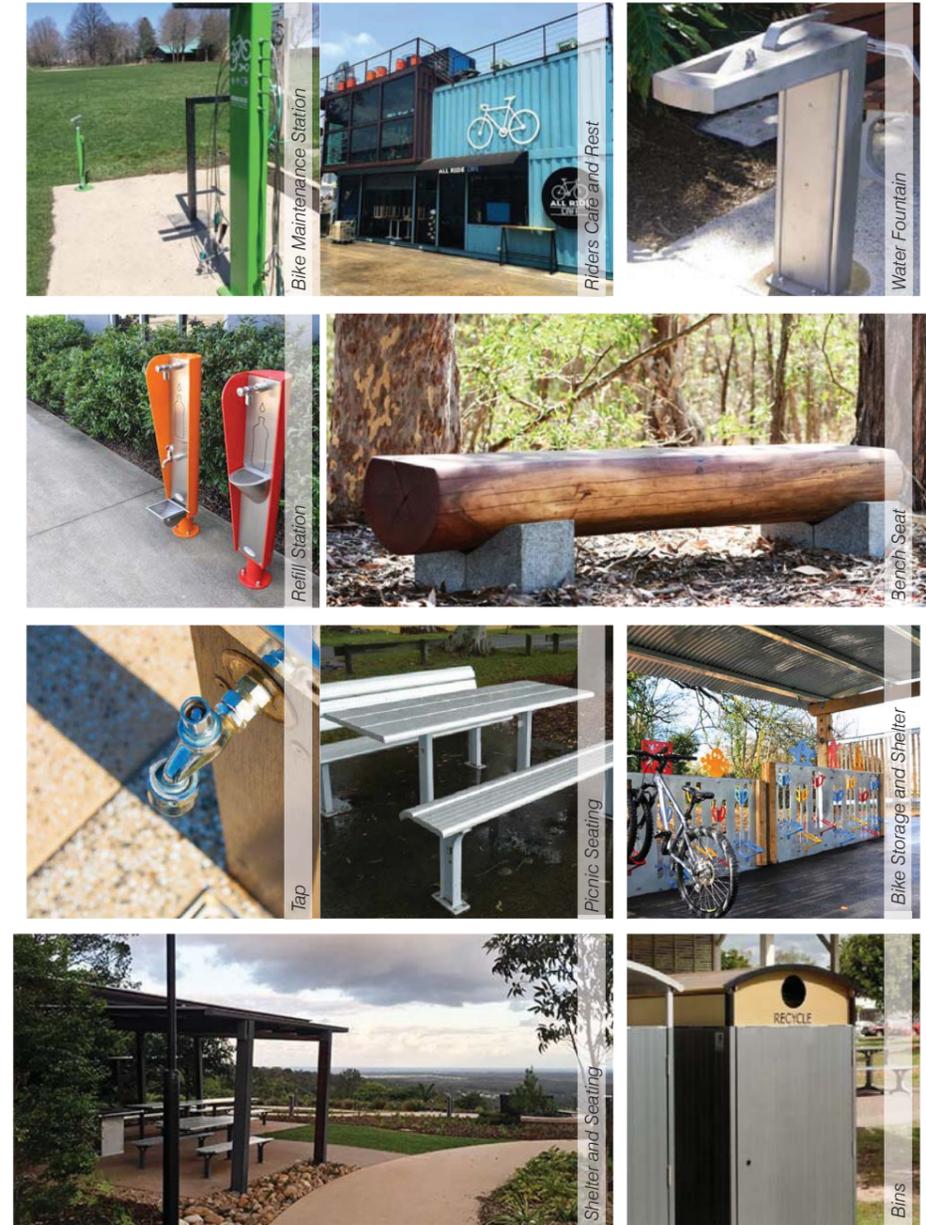
As native species, these plants will be durable and reliable for this site.

The plant palette is to include food source and habitat species for native wildlife, with increased frog habitat in the lower/wetter part of the site. Consult local environmental group 'Friends of Ben Bennett Reserve' to ensure complimentary planting to neighbouring bushland reserve.

Examples of locally native species are shown below.



INDICATIVE FURNITURE PALETTE



The furniture selection on the site should reflect the Sunshine Coast Council brand with natural elements and the option for splashes of colour through the mountain bike specific elements.

The furniture should be located to reflect the existing natural setting, with some colour allowing for way finding highlighted within the reserve. Refer to the Open Space Landscape Infrastructure Manual (LIM) for selection of standard furniture.

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