

# Birdsville Landscape Master Planning

For: Birdsville Hall Precinct

Jardine St Park

Anzac Park

## Community Engagement and Landscape Master Plan Design Report

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## Background

Diamantina Shire Council (DSC) engaged Anembo Consultants Pty. Ltd. to provide three (3) master plans for council-controlled sites located in the town of Birdsville.

The sites include:

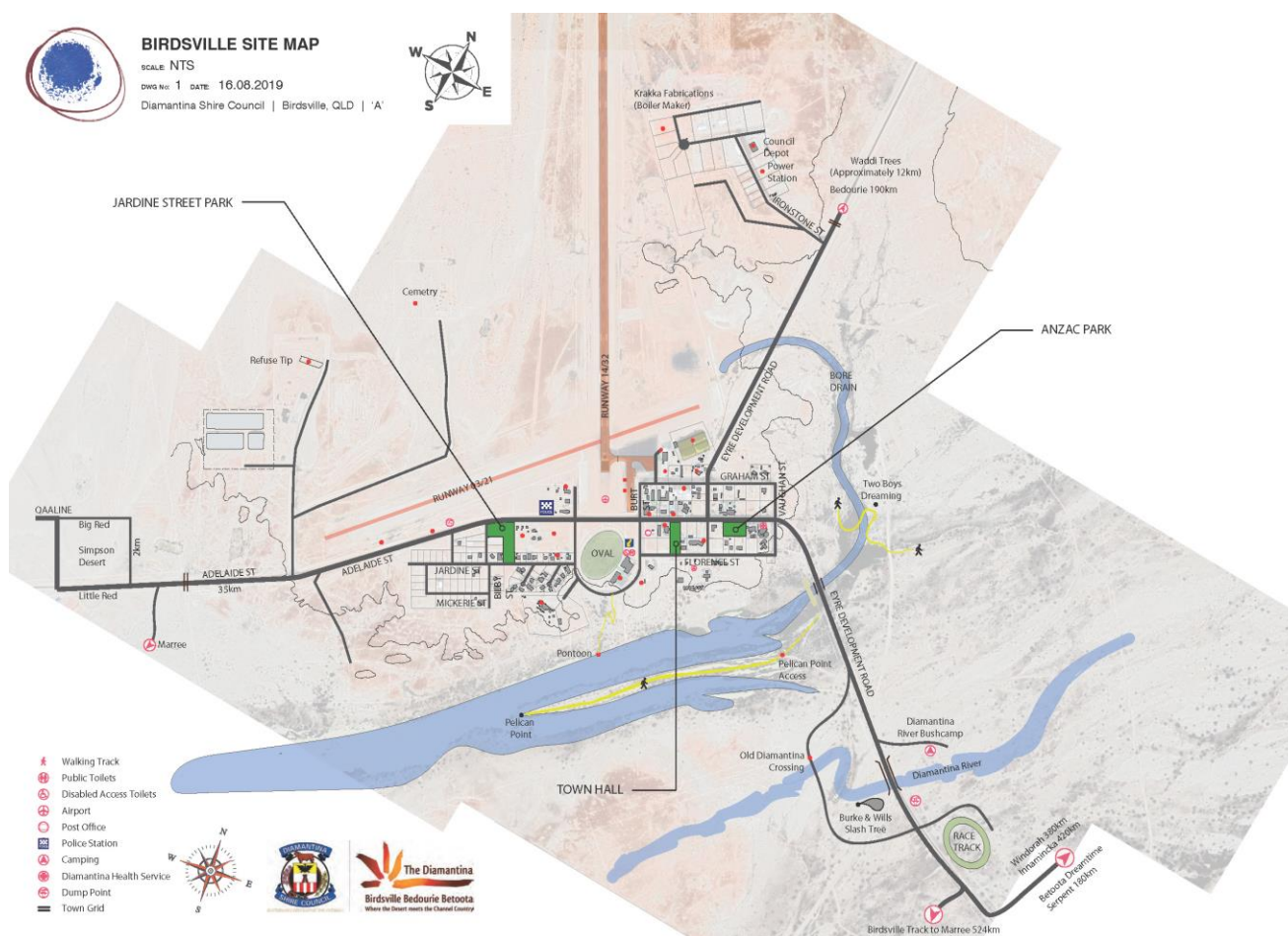
- Birdsville Hall Precinct, 61 Adelaide Street & 60 Florence St
- Jardine Street Park, 22-24 Jardine Street
- Anzac Park, 39-43 Adelaide Street

The master plans will guide the sustainable long-term development of these sites providing a framework for new works and future upgrades. The plans are concise, logically structured, sustainable and most importantly financially achievable.

The master plans will:

1. Reflect the findings and outcomes of engagement with community stakeholders
2. Incorporate, where appropriate, existing park infrastructure and uses
3. Utilize available utilities (water, sewer, power)
4. And most importantly reflect the strategic role the parks will play in the delivery of council's vision

To orientate readers of the report the following town map describes the townscape and context of ANZAC park, Town Hall Precinct and Jardine St Park as well as the open space associated with the Wirrarri Information Centre and Recreation precinct as well as the adjacent billabong open space.



## Listening Program

Listening and respect for all views is a key intent for the community engagement program in order to lay the platform for the development of trust in the integrity of the final master plan design as well as further development of the townships parks and open spaces.

The consultant team has worked with Council officers to undertake stakeholder engagement on key elements of the master plans. The Consultant was on site from 22nd to the 26th April to inspect the sites and interview stakeholders present in town that week.

Original stakeholder groups were identified as:

- Birdsville State School
- Birdsville State School P&C
- Birdsville Police
- Council officers
- Councilors
- Birdsville Social Club
- Betoota Social Club
- Residents
- Businesses
- Birdsville Playgroup
- Birdsville Race Club
- Big Red Bash
- Local Native Title Holder representatives

A general community meeting opportunity was held at the Wirrarri Visitors Information Centre for two hours on 24.04.2019.

The community engagement was initiated as a series of one to one interviews for those in town that week using a form specifically developed for the Birdsville community for feedback. The consultant discussed a list of key issues for Birdsville landscapes and park facilities generally and then more detailed discussions on each park.

Stakeholders that were unavailable that week for personal interviews were contacted and provided with the form via email and then personally via telephone. Final DSC comments were provided on 13.08.2019.

The interviews remain confidential and views of each stakeholder has been summarized as a group and then developed into 'Key Planning Matters' tables which then describes the key issues and priorities of the community for particular parks and open space.

The ideas and priorities of stakeholders have then been considered and where appropriate incorporated in the Preliminary Landscape Master Plans for each area. This information was then provided back to DSC for review and feedback.

The landscape master plans have therefore been developed to reflect the key planning matters identified by the community and the original DSC brief which requires consideration of the following elements:

- Place making
- Environmental and climate condition
- Universal Access
- Relevant regulations and standards
- Sustainability

- Parking and traffic
- Signage
- Infrastructure - existing and proposed
- Pedestrian and cyclist movement
- Linkages to other places

## Landscape Planning Conversations

Conversations with the community about planning for the nominated parks raised a wide range of landscape and amenity matters across the 3 township and in particular the Wirrarri Information Centre and Recreation precinct as well as the adjacent billabong open space.

Therefore, the report firstly considers the general landscape issues for the township before drilling down to the key issues for each park / precinct. The ideas and opinions are summarized and then distilled into a prioritized list of issues that then define the design brief for each park and precinct.

The key planning matters of defining the Birdsville townscape in terms of character, image, attributes and elements as well as the practical realities of vegetation, soils, irrigation, circulation, furniture and priorities have been covered in the August 1997 Landplan Studio Report - Birdsville Streetscape Report, much of which is still current and identifies the need for more detailed planning of priority landscapes.

As intended by DSC, the Birdsville Streetscape Report provides the background landscape planning context for the landscape master planning for the 3 Master Plan precincts.

## Birdsville Township Landscapes Review

The community voiced a wide range of ideas and opinions about the landscape issues and opportunities in the township which are summarized in the dot points below:

### The Public's Opinions

- Major fluctuations in population during the year from 10,000 during major events down to 30 over Christmas / summer period
- Winter is the main tourist season and efforts need to go to improving tourism during the shoulder periods in particular
- Opportunities exist to partner up with other outback towns for tourist related events such as Alice's Finke Desert Races or the Uluru Resort sponsored Tjungu Festival – held in April each year
- 'Pop up' tourist nodes could be considered for travelling shows and events
- New golf course can be promoted with a town 'putt putt facility' and signs
- Should be a town security and risk plan to keep an eye on dangers of fire, vehicle accidents and unruly behavior of tourists at night
- Road safety school required to educate children about the wider world which can double as a recreation / playground element – might need some lateral thinking regarding possible locations to make it lots of fun

- To the locals and tourists Birdsville is an oasis in the desert similar to arriving at a homestead providing some order and comfort in the harsh complex natural landscape
- The main (Adelaide) street median strip feels narrow causing people to worry about parking
- The historic openness of Adelaide street before the median should be maintained by not having trees down the center
- The new main street complies with engineering standards for truck widths and parking
- Consideration should be given to a town center bypass
- Need to complete the walking path out to race course including wadi trees for afternoon shade
- Irrigation is wasteful and needs better management. A modern whole of town irrigation management system is required.
- Kerb and channel to back streets need to be done as well as better maintenance of streets
- Should be more herb and bush tucker gardens. Equipment should focus on nature play and sustainability with no plastics
- There are enough parks for the kids they just need to be finished. Gardens in town should be a green oasis but with native plants where possible
- Our facilities should be as good as Bedourie, Quilpie, Howard springs, Mornington peninsular hot springs if not better
- Historic buildings falling into ruin and should be saved. DSC needs to partner with State / federal governments, agri industry sector and owners of these buildings to create tourist experiences
- Two boys dreaming park needs better maintenance and promotion
- The cemetery holds many local historical identities which can be promoted.
- Billabong area should have tracks for exercise and tourists
- The tin camels' gardens on the Bedourie Rd is good example of nice BV landscapes and art
- Artesian bore water flowing 24/7 into the billabong may not be a long-term reality and needs investigation into sustainable use
- SA 'mound springs' conservation program provides some good blueprints for review
- Pelican Point underutilized as is a great picnic spot
- The arrival in town from the south could be better landscaped like the tin camels on the Bedourie Road
- Birdsville airport arrival could be a lot better with a proper footpath into town and maybe a sign

- Consideration of the bottle tree as a sustainable shade tree for streets similar to other dry region towns
- Florence street needs turf and shade trees to streetscape and buffer gardens to caravan park boundary to improve amenity for overnight visitors
- Footprints of time paintings are great but colours will fade over time and need (as does all park signs) shade – this should be a roof and trees at least probably needs better landscape to create visitor 'oasis'
- Historic hotel precinct could provide more detailed info on building and history
- Locals that live out of town need park services when they come to town and their rural lifestyle and business should be celebrated more in the parks
- School pool is jointly managed by the education department and the community. It is currently underutilized Current agreement has a number of major short comings that need to be fixed including agreement term, access, upgrades and maintenance
- Maintenance & continuous upgrades of facilities costs money and DSC needs to set standard staff hours / week for various parks and include in the shire budget. Towns folk can then vote for more or less.

## Wirrarri Recreation Precinct & Billabong Park

The master planning process has identified that the Wirrarri Recreation Precinct and the land south down to the billabong has significant potential as part of the Birdsville open space and parks network.

The community voiced a wide range of ideas and opinions about the landscape issues and opportunities in the township which are summarized in the dot points below:

### The Public's Opinions

- Should part with town hall and build a new one next to the Oval. Any new hall needs to incorporate a squash / multisport court facility
- Existing gym and facility is not well maintained so numbers are down
- Too hot for tennis needs to be indoor multi-sport
- Gardens between buildings and courts / building need to be opened up to the road and upgraded
- Oval needs a grandstand and / or grassy mounds with shade trees to watch games
- Oval soils are contaminated and needs professional repair and management plan for DSC staff to implement – this must include revision of the irrigation infrastructure

- Can't use oval for events that need marquees / tents and shade structures as cannot put pegs in the ground due to drip irrigation
- Caravan Park has no park, tourists need to stay longer so need more things to do in parks
- Should be expanded with riding trails connection out thru town
- A spa or springs feature would be great
- Artesian water should be better utilised run a pipe down Burt st
- Billabong area should be better used for locals and visitors
- BMX track could be fixed up or relocated but if it is to stay in any capacity needs to be better quality
- A skate bowl / Plaza park should be included with BMX area
- Area should be trees and turf and generally informal
- A loop track with informal parking near designated picnic spots
- Possibly part of caravan park camping zone but also has 'day use'
- Has to allow tent cities to spring up for big events
- Alternative location for proposed water park as next to caravan park and might encourage visitors to stay longer
- Potential for artesian water could be piped thru for a 'natural water play zone down to billabong
- Need to be aware of flood levels
- Can incorporate new pontoon location to track and picnic layout
- Could have local Aboriginal culture a key place making element building on the meeting place sculpture and 'art walk'
- 'Eagle Park' could work as a name and provide home for Red Ridge eagle sculpture
- If a 'First Nations Park' needs to be 'unstructured' to reflect natural values
- Could have community work sheds to provide 'permanent population' providing visual security
- Could have a running track and exercise equipment linking back to town and up to Jardine St park
- Oval is underutilized and should connect to the pony and equine interests in the town and do some bronco branding or have a some small stables - bring horses into town
- Could have junior footy posts on the oval as well as a picnic / play space to get people to stop and stay - tourists especially
- Future buildings and facilities need to be reoriented to the oval to encourage use
- Should be upgraded to encourage regional schools sports day - with agreement with other schools Birdsville could specialize in certain disciplines such as shot put or discus

## Future Development of Townscapes and Open Space

The purpose of stakeholder engagement is to include public opinions in any future design process for the Birdsville township. Therefore, the public's opinions have been summarized into the Key Landscape Planning Matters table below.

This approach provides ongoing development decision making transparency because as issues occur, and priorities change due to the dynamics of community evolution, the Council as custodians of the process can review and amend as required the planning and design brief for each future stage of the town's landscapes development.

In accordance with good practice and DSC brief each master plan design element has then been reviewed against the following criteria:

Place making, environmental and climate condition, universal access, relevant regulations and standards, sustainability, Parking and traffic, signage, - existing and proposed infrastructure, pedestrian / cyclist movement and linkages to other places.

This has enabled the clarification and finalization of the discussions and recommendations component of the table. The table's elements then informed the early master plan design concept development.

### Key Landscape Planning Matters - Birdsville Township, Wirrarri Recreation Park and Billabong

Landscape Element or Planning Matter	Discussion & Recommendation
Role of Township Open space and Priorities	<ul style="list-style-type: none"><li>• The DSC has an obligation to provide Open Space and Quality Streetscapes to the Birdsville townsfolk according to budgeted and achievable delivery program</li><li>• The upgrading of streetscape and open space landscapes is primarily provided to improve livability for locals</li><li>• The lifeblood of the towns economy is tourism so any streetscape and open space landscape upgrades need to accommodate the needs of visitors</li></ul>
Shady footpaths and town gardens	<ul style="list-style-type: none"><li>• Undertake a street tree and gardens layout master plan for the town</li><li>• Budget for a number of trees installed each year</li><li>• Gardens in town to be native plants from a short list of reliable species.</li><li>• Streets and parks to feature green, irrigated and well-maintained turf</li><li>• Use local rocks, gravels and homestead style fencing to reflect heritage and environment for low maintenance sustainable outcomes</li></ul>
Irrigation	<ul style="list-style-type: none"><li>• Upgrade the irrigation to automatic computer based to improve levels of watering and reduce work load</li><li>• Budget for annual extension</li><li>• DSC T undertake assessment long term of sustainable use of artesian basin water</li></ul>

Adelaide St	<ul style="list-style-type: none"> <li>• Install line marking showing traffic lanes and parking</li> <li>• Continue current planting scheme to median and include local gravels as required</li> <li>• Continue trees to footpaths</li> </ul>
Wirrarri recreation park	<ul style="list-style-type: none"> <li>• Review irrigation requirements to improve soil salinity and moisture levels</li> <li>• Oval usability thus improved further improvements can be made by providing shady formal and informal seating as well as installing a more traditional 'white post &amp; rail' to edge</li> <li>• DSC to confirm CASA requirements and a 'soccer and footy' goalpost combo to be installed to max allowable height</li> <li>• Provide shade trees to pathway network and extend annually</li> <li>• Identify locations in this precinct for any future town recreation facilities such as skate park, multi sports courts, man shed / art studio / workshop</li> </ul>
Two Boys heritage	<ul style="list-style-type: none"> <li>• Develop a shady arrival experience with parking and a fly free information shelter zone for visitors</li> <li>• Regular maintenance to be scheduled to current 'experience shelters' and immediate surrounds</li> <li>• Develop an interactive web-based information platform for visitors</li> </ul>
Caravan Park	<ul style="list-style-type: none"> <li>• Undertake streetscape and park buffer improvements</li> </ul>
Pub precinct	<ul style="list-style-type: none"> <li>• Ensure 'desert road' and Birdsville pub corner current open aspect and amenity is retained with shady paths to caravan park side of Burt St</li> <li>• Develop detailed info on building and history</li> </ul>
Park links and 'footprints'	<ul style="list-style-type: none"> <li>• Develop shaded footpath links between parks, town hall, school and the oval/ billabong</li> <li>• Install a standard treatment to each painting zone</li> </ul>
Bypass	<ul style="list-style-type: none"> <li>• DSC to initiate town discussions on possible route of truck bypass east of Vaughan and Graham streets</li> </ul>
Kerb and Channel	<ul style="list-style-type: none"> <li>• DSC to extend K &amp; C as per annual budget schedule</li> </ul>
Billabong park	<ul style="list-style-type: none"> <li>• Existing use as occasional tent city to remain</li> <li>• Develop area as informal parkland with winding paths and occasional seats and picnic settings</li> <li>• Shade trees to be provided throughout</li> <li>• Obvious connection to country for aboriginal heritage celebration and place making</li> <li>• Potential for use of town bore water for landscape amenity</li> <li>• New pontoon location and picnic setting at key path junction</li> <li>• Flood impacts to be closely considered when defining layout</li> </ul>
Town Gateways	<ul style="list-style-type: none"> <li>• The arrival in town from the south to be landscaped like the tin camels' gardens on the Bedourie Road</li> </ul>

	<ul style="list-style-type: none"> <li>• Birdsville airport footpath into town, shady trees, landscaping and signage</li> <li>• Desert gateway for tourist operators should be a priority</li> </ul>
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## Master Plan Design Approach

Birdsville's isolation and climate impose particular constraints on procurement of materials, skills and labor. These constraints then impact on project costs and timeframes. Therefore, the following recommendations have been considered against the reality of remoteness and the harsh environmental conditions.

- Upgrade Birdsville Landscape and Maintenance workshop and storage facility
- Develop landscape budgets for capital works, maintenance and lifecycle upgrades for the Township out to 2040 with annual reviews
- Undertake a digital terrain model survey of all Birdsville township street and park infrastructure be undertaken for use by DSC for ongoing development of landscapes and infrastructure
- Major upgrade of township irrigation system with centralized computer management systems for pH Balance, fertilizer dosing and mapping of systems with pop ups for turf and drip for gardens
- Street tree plan and pathway network plan for township
- Upgrade southern and western entries to town celebrating iconic Birdsville such as Races, Desert, Farming, exploration and indigenous culture
- Confirm township 'large event plan' describing parking, camping major paths and so forth and install infrastructure elements as required
- To maximize small group and family tourist experiences in between large events and to extend the season develop a township open space plan that describes ongoing direction and priority upgrades for visitor comfort and experience
- Introduce WIFI capability to key parks

## Landscape Infrastructure and Materials

- Local materials are preferred over imported.
- Local materials include: white rocks in boulder sizes, white and red rock gravels, river sands, bush mulch, demolition timbers and steel. Scope to be confirmed by DSC Landscape office.
- Identification of key imported materials and level of stock to be retained at the DSC landscape compound.
- Imported materials include: specialised soils and mulches, playground soft fall, timber, stone and steel garden edging, subsurface drains, irrigation, concrete materials, pavers, plants, garden stakes & fencing. Scope to be confirmed by DSC Landscape office.
- Identification and budget for key park infrastructure items including: shelters, seats, tables, bbq, bins, pergolas, exercise and play equipment



Red stone in natural setting



Red stone mulch with white rock feature



White stone mulch



Organic and inorganic mulches in context



Artificial turf is neat and green



Traditional stone building materials



Desert Beetle in blue



Desert Beetle in green



Green plants and white rock contrast



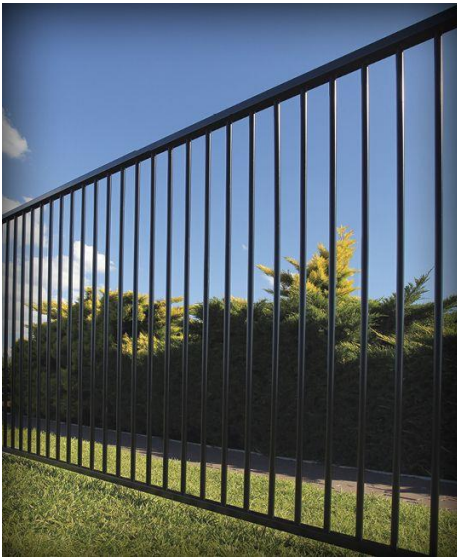
Traditional fencing and iron



Robust electric steel BBQ



Traditional four post pitched roof shelter with picnic setting



Strong steel pool fencing



Visitor signage that can be updated easily



Raised gardens using rusted corten steel



local rock edging between lush grass and mulched gardens

## Planting Strategies

As the town develops to reflect the aspirations and needs of new generations the townscape will continue to evolve. The difference between the newly developed landscapes and the undeveloped areas is stark. This contrast is exemplified by the images below of the upgraded Adelaide St and undeveloped Florence Street road reserves.



Pedestrian friendly with shade and amenity



Open aspect, no shade and unstructured

## Township Trees & Local Context

The community has previously expressed in the 'Birdsville Streetscape Report' 1997 a preference for regional native species as shade trees in street and parks. This report endorses that strategy. Also endorsed is the use of a specific range of native and exotic feature trees in key civic locations including the waddis and coolabahs in Jardine St Park, the cabbage palms in the town hall precinct and proposed iconic 'lone pine' Norfolk's in Anzac park, all of which can be argued to have cultural and amenity values that reflect the wishes and aspirations of the community.

There will always be a wide range of opinion amongst the townsfolk and visitors about what plants are preferred in public gardens. It is clear that the role of gardens in parks is typically to provide trees for shade, hedges for buffering and colourful / textural accents for visual interest and fun.

The Birdsville Township's streetscapes and any park area not under irrigation are typically undeveloped desert remnants of scattered gums and acacia amongst sand and rock. Drive a little way out of town in any direction and the natural landscapes can be found with complex curvilinear arrangements of the same sand and rock in more aesthetic forms. In these natural landscapes certain plants cluster and survive in harmony with the shapes of the land.

This observation provides validity for a common sense approach to landscaping non irrigated landscapes in this arid place. We describe this simply as 'Desert Ecology Style Landscapes' which have a high level of wildness, are dynamic and reflect the harsh outback environment. These gardens form a strong part of the indigenous people's relationship to country, the desert tourism narrative and the townships sense of remoteness.

What the desert garden does not provide is a reflection of the town as a sanctuary, an oasis and civic place of order so there has to be a landscape style that reflects those values and expectations. Across Australia there has always been a deep cultural connection to the idea of outback towns as an 'oasis' in a barren land. For many the pub is Birdsville's oasis. For

indigenous folk the Two Boys Dreaming area may provide that connection. However, the picture becomes more complex if you look deeper and ask more questions.

## Civic Gardens

For most travellers and locals coming to town the arrival experience occurs in number of locations and context's including: town's gateways, the servo, the pub, the post office, a rest stop at Anzac Park, a birthday party at Jardine St Park, a production at the Town Hall and the Wirrarri community hub. For many of these locals and visitors alike, certain key civic gardens in parks and streetscapes provide that sense of arrival into a safe comfortable 'oasis' in the desert.

This idea of a 'civic oasis' landscape can be exemplified by many rural homesteads that feature bore fed lawns, ornamental gardens, feature exotic trees and palms, simple practical geometrical layouts as well as simple robust landscape furniture and structures that can be fixed with a saw, a welder or as a last resort a hammer.

However, the practicalities of living in a remote area require the use of many native plants adapted to the conditions particularly where the irrigation water runs out. These dry gardens often blend the structured garden areas into the adjacent 'desert landscapes' and so have a more organic, curvilinear, natural garden layouts, use natural materials and follow ecological principles of species selection.

The Birdsville Township's various landscapes therefore express both forms of these garden styles in streets, parks and open spaces. Always depending on the location, DSC associated cultural values and decisions on levels of available maintenance resourcing. These two iconic Birdsville 'desert ecology' and 'civic oasis' gardens styles will continue to be blended, juxtaposed and generally reflect the whims and expressions of the townsfolk as the town evolves over the next century.

## Desert Ecology Landscapes

- The majority of the Birdsville open space will not be irrigated and so a 'desert' landscape strategy based around native flora as well as proven drought resistant exotic plants in an ecologically based approach is recommended
- Informal or organic curvilinear layouts with integration of dry creek beds where drainage is required and mounding where trees and buffering is needed
- Generally, this landscape consists of a scattering of trees, occasional shrubs and a few patches of persistent groundcovers. The plants as individuals and communities will respond to the dynamics of the environment and will be continuously changing. This will require monitoring and interventions such as mulch replenishment, wind barrier fencing, tree guards and groundworks to assist these natural processes.
- Rock mulches and natural ground dominate with areas of bush mulch around trees or where persistent shrubs and groundcovers occur
- Local rock or natural materials should be used for any garden edging, walls and infrastructure



Excellent example of a blended desert ecology style landscape

## Civic Oasis Landscapes

- Typically occur in town and exemplified by Anzac park and Adelaide street
- Layouts are typically geometric featuring irrigated lawns and have some formality in style with feature trees at key locations, layered plantings and hedges.
- Leaf texture and colour provide accents and reflect the harmony of a comfortable oasis
- These places are comfortable and inviting which attracts visitors from the locality and from further afield.
- As key township visitor destinations these landscapes and places have facilities embedded to encourage and allow long stays
- As gardens of relatively higher use materials and infrastructure needs to be robust to reduce maintenance and extend lifecycles



Adelaide Street has a number of good examples of welcoming civic oasis style landscapes

## Plants and Soils

The climate poses plants with particular problems associated with extreme heat events over extended periods over the summer months. Plants can suffer water deficit associated with drought followed by aeration deficit as a consequence of flood or irrigation.

The complexities of the interactions of the soil chemistry, soil structure, groundwater and irrigation water with plants is often difficult to predict. This can lead mainly to plant disorders associated with salinity, ion toxicity and problems related to pH. DSC should consult with an experienced soil scientist to establish a soil development and management regime.

Therefore, the choice of plants for the Birdsville township is one of continuous monitoring and experimentation until a full palate of plants is established for the two main garden types - irrigated or non-irrigated. The townsfolk have planted a number of successful plant species that are proposed as the core of this proposed plant list.

The DSC needs to develop a '**Birdsville Streets, Parks and Open Space Plant List**' which is derived from DSC officer observations of successful plantings around town, the DSC publication 'Flora of the Diamantina Shire' and comments from nurseries that supply plants to Birdsville.

An initial list, derived as described above, is shown in the tables below.

Trees native or naturalised to Australia	Common names and descriptors
Acacia peuce	Waddi tree
Araucaria hetreophyla	Norfolk pine / Cook island pine
Brachychiton acerifolius	Illawarra flame tree
Brachychiton populneus	Kurrajong
Brachychiton rupestris	Narrow leafed bottle tree
Casuarina sp.	She oaks
Cupaniopsis	Tuckeroo
Eucalyptus citriodora	Citrus gum
Eucalyptus coolabah	Coolabah gum
Melaleuca quinquenervia	Broad leafed paperbark
Livistona australis	Cabbage palm

Exotic trees & palms	Common names and descriptors
Caesalpinia ferrara	Leopard tree
Delonix regia	Poinciana
Lagerstroema indica	Crepe myrtle
Tabebuia palermi	Pink trumpet tree
Wodyetia bifurcata	Fishtail palm

Shrubs - native and exotic	Common names and descriptors
Acacia ligulata	Dune wattle 2 - 4m
Bougainvillea sp.	Paper flower - 1.5m spreading
Callistemon little john	Little john - 1m hedge
Eremophila racemose	Showy eremophila - 1m hedge
Eremophila nivea	Silky eremophila - 2m hedge
Eremophila glabra	Silver ball - 1m feature accent or hedge
Grevillea sp.	Orange marmalade - 2m hedge
Leucophyllum lavender lights	Texas sage - 2m shrub
Melaleuca linariifolia	Claret tops - 1m feature hedge or 2m shrub
Rhagodia spinescens	Spiny saltbush - 1.5 shrub
Westringia fruticosa	Blue gem - 1m feature hedge or 1.5 m shrub

Groundcovers - native and exotic	Common names and descriptors
Anigozanthos flavidus	Tall kangaroo paw
Carpobrotus glaucescens	Pigface
Gazania rigens	Treasure flower
Grevillea sp.	Poorinda royal mantle
Hardenbergia violacea	Bushy blue
Lavendula stoechas	Spanish lavender
Lotus berthelotii	Lotus gold flash
Pelargonium graveolens	Aromatic geraniums

The DSC should review the plant species installed to the Birdsville township annually to monitor success and refine list. Although this activity will require annual investment in labor the savings associated with improvements in plant mortality rates will provide long term gains.

## Landscape Implementation & Budget

Both the priorities and funding of outback town landscapes is a dynamic that requires a cache of relevant and easily updatable budget and staging data to enable a nimble approach to engaging with funding opportunities as they arise

This report provides indicative costing for each element of the master plans. Maintenance costs have been considered when specifying products and services to minimize maintenance and lifecycle costs. Anembo has provided DSC with detailed cost schedules to allow DSC to manage staging priorities and associated funding

The master plans have been costed as individual items to allow DSC to then group into logical stages that suit local needs. Each master planned area can be staged to suit funding streams available to DSC

For each element of the master plans maintenance costs, particularly with regard to ongoing warranty compliance, have been considered when specifying products and services to minimize maintenance and lifecycle costs. The landscape components of each master plan have been costed as individual items to allow DSC to then group into logical stages that suit local needs and implementation strategies.

The budget documentation has been provided to DSC in excel and pdf formats to enable relevant officers to amend as required to meet changing budgets over time. The budgets provided have been collated using current information and research. The following points describe the relevant costings background information:

- Embellishment items are individually quoted, include approx. freight
- Installation of embellishments are quoted 20-25% of product cost
- Typical landscape rates based on best practice and Landscape Queensland Costing Guide + 30%
- Suppliers selected for quotes are Local Buy registered where possible
- For soil amelioration and mulch management : Hortus Group, ph 0448 007 350
- Suppliers for shelters, benches, picnic tables, bubblers: Grillex (previously known as Unsite) ph 1300 552 102
- Suppliers for playground equipment: Moduplay ph 1800 806 145
- Suppliers for sandstone: Capricorn Sandstone ph 07 4934 7336
- Suppliers for fencing: Stratco ph 07 3086 4205
- Suppliers for plants: The Rose Garden Nursery, Mount Isa ph 07 4743 8951
- Suppliers for pavers: National Masonry ph 07 3271 9299
- Suppliers for 'Corten Steel Edging': Strata Green ph 1300 866 367
- Suppliers for Waterpark: Playscape Creations ph 07 3375 1233
- Embellishments & hardscape items were selected on product/site suitability

DSC should create a 'Landscape Infrastructure Manual' as a guideline for procurement, installing and development of all landscape materials, infrastructure, furniture and construction methodologies. This will ensure the continuity of DSC related landscape intellectual property as staff changes occur which will bring consistency to all landscape outcomes across the township into the future.

## Internally Funded Elements

Using local resources and recycling is part of the culture of the Birdsville community and forms the basis of the implementation strategies for all landscape development.

Internal funding elements will typically include works and resources that can be sourced locally and / or form part of the current or potential activities of the DSC roads, landscape and maintenance teams.

These elements could include: installation of carpark, paths, tracks, earthworks, installation of services (water, drainage and sewer) minor irrigation installation and maintenance, refurbishment of memorials, installation of park furniture, edging, turf, gardens and mulching.

This funding will provide local employment. There are also opportunities for expanding the use of local labor and resources such as garden boulders, rock walls and monuments, fencing, gravel mulches, soil making, bush mulches, plastic and industry waste recycling which should be subject to a review by DSC and the Birdsville community.

## Externally Funded Elements

External funding elements will typically include supply and / or installation of elements that cannot be sourced or expertise provided locally.

These elements could include: major civil works, installation of services (electrical, Wi-Fi), signs, laser cut screens, water park, shelters, structures, plants, soft fall mulches, turf, irrigation infrastructure, playground refurbishment and certifications, multisport court with multi goal, climbing wall and other elements that need specialist installation to ensure warranty conditions are met.

Government funding opportunities are well known and utilized by DSC for township development projects. Typical links for government funding are described below:

<https://qorf.org.au/industry/resources-master/grants-funding/eligible-for-funding/>  
<https://www.grants.services.qld.gov.au/#/?fromBusiness>  
<https://www.business.gov.au/assistance/building-better-regions-fund>  
<https://landcareaustralia.org.au/junior-landcare/grants/>  
<https://www.communities.qld.gov.au/community/thriving-queensland-communities-grants-round-two-2019>

Most of these opportunities are now closed but there are typically more rounds or new government initiatives in the future. Areas of future funding research should include Agricultural, Tourism and Cultural opportunity.

## Commercial Funding Opportunities

Birdsville is an iconic outback desert town with a reputation for a harsh hot climate and environment. Therefore Birdsville is a perfect setting for product testing from plants and lawns to park furniture, playgrounds and shade sails to soils and mulches and irrigation technologies.

During our research into products and services some companies expressed interest in product testing in Birdsville.

## Staging Options

### Town Hall

The town hall precinct has three logical development stages:

1. The Hall refurbishment - to DSC Architects future design and budget
2. Adelaide St frontage and service yard
3. Florence St frontage

These elements are detailed in the Town Hall Master Plan budgets report provided to DSC in a separate but associated report in October 2019.

#### Stage 2 - Adelaide St frontage and service yard

Includes: site works, concrete driveway to services yard, lighting, planters, concrete footpaths and paving, table and bench settings, timber seat wall, sign, fencing, irrigation, gardens and maintenance.

#### Stage 3 - Florence St frontage

Includes: site works, carpark, lighting, concrete footpaths and paving, deck, screens, tap, shade sails, sign, fencing, irrigation, gardens and maintenance.

### Jardine St Park

Jardine St park has two logical development stages:

1. Neighborhood park
2. Balance areas

These elements are detailed in the Town Hall Master Plan budgets report provided to DSC in a separate but associated report in October 2019.

#### Stage 1 - Neighborhood Park

Includes: site works, playground soft fall and recertification, concrete footpaths, shelter, bbq, bin, bubbler, table and bench settings, sign, Wi-Fi, fencing, garden edging, irrigation, lawns, gardens and maintenance.

#### Stage 2 - Balance areas

Includes: site works, land sculpting earthworks, concrete footpaths, signs, gardens and maintenance.

### Anzac Park

Anzac Park has three logical development stages:

1. Anzac and Historical area
2. Traffic School, under 10's BMX track and Playground area
3. Water play and hardcourt area

These elements are detailed in the Town Hall Master Plan budgets report provided to DSC in a separate but associated report in October 2019.

### **Stage 1 - Anzac and Historical area**

Includes: site works, arbor structure, concrete footpaths, monument refurbishment, shelter, bin, bubbler, table and bench settings, sign, Wi-Fi, laser cut screens, fencing, irrigation, garden edging, lawns, gardens and maintenance.

### **Stage 2 - Traffic School, under 10's BMX track and Playground**

Includes: site works, asphalt traffic school paths, BMX stabilized dirt track, playground soft fall and recertification, shade sail, concrete footpaths, shelter, bin, bubbler, table and bench settings, sign, Wi-Fi, fencing, garden edging, irrigation, lawns, gardens and maintenance.

### **Stage 3 - Water Play and Hardcourt**

Includes: site works, water play facility with roof, multisport court with combo hoop and goal, climbing wall and rubber soft fall, concrete footpaths, shelter, bin, bubbler, table and bench settings, sign, Wi-Fi, fencing, garden edging, irrigation, lawns, gardens and maintenance.

## **Implementation Recommendations**

DSC will determine the sequence and timing of the staged development of the master planned areas.

Upon any such determination DSC should use the master plan information to define the brief for the development of construction drawings and proposed construction budget. They could also stipulate what elements will be implemented or supplied internally or externally.

## **Priority Landscape Infrastructure – Irrigation System Upgrade**

The key landscape related recommendation for 2020 2025 is for investment in an integrated water management and irrigation system. The bore water resource has quality issues for horticultural use and may at some time be subject to new state or federal government policy which restricts its use. DSC is currently implementing a long term township irrigation program that has system management problems which already require significant manpower to monitor, use and maintain. Further development of Birdsville's landscapes will increase system management problems and the continued opprobrium of sections of the community.

To reduce long term costs will require capital investment in a central control system with a Multi station decoder system connected to a central computer located at the landscape yard. Such systems are automatic, remotely monitored and controlled for smartphone, laptop or desk top computer. The system would include soil moisture sensors, variable speed pumps, auto filtration, fertilizer & chemical injection system.

This program would include a review of the irrigation infrastructure typology for various situations such as the local parks, sports oval and streetscapes.

## **External Advice and Products**

External advice should be sought for the provision of landscape construction plans and procurement plans. Landscape Documentation should be clear enough to allow implementation without professional supervision. Other external advice from consultants and technicians will be required depending on the project scope but would typically include: survey, cultural heritage, structural and civil engineering, hydraulic and electrical engineering, electrical, plumbing, NBN, soil management, playground certification and environmental consulting.

Key infrastructure to be supplied and installed will often need specialist knowledge and skills and / or be installed subject to warranties requiring certified installers. Typically this would include: irrigation base equipment, playgrounds and play equipment, water parks and interactive signage.

## **Internal Procurement and Implementation**

The Birdsville council and community has a wide range of expertise and resources that does and can continue to undertake the majority of all landscape development work. However, these local workers have a wide range of existing maintenance and civic duties which does reduce capacity at times during the year. Another key issue is the effect of climate and remoteness, where during summer months the efficiency of outdoor workers can be reduced by the heat and many citizens take annual leave reducing the availability of workers and key skills. Staging and programming of work needs to take account of these constraints.

Current procurement and implementation skills include: supply and installation of plants, construction of gardens, low walls, edges, turfing, mulching, fencing, irrigation, concrete paths, installing prefabricated structures and furniture.

This self-reliance should be developed further creating jobs and micro business for locals and regional residents. DSC can improve the communities respect for landscape industries by upgrading and formalizing the DSC landscape compound. This would provide locals with landscape products to view and purchase.

Key stakeholders should be part of a local landscape industries development program supported by DSC. Local landscape industries that can be developed include:

- Sourcing and management of landscape rock, gravels, garden soils & mulches
- Procurement of townscape plants and holding nursery
- Micro turf farm
- Waddi tree propagation for sale
- Recycling wood, stone and other waste into salable or useful products

Joint ventures can be considered with regional nurseries, local hardware store, indigenous groups, farmers and business interested in 'product testing'. The provision of product choices for tourists to purchase should drive some of the industry development.

Staging of works will need to be considered in relation to the internal manpower and skills available during each construction program. Where these human resources cannot be provided, DSC should consider developing a long term strategy for fly in fly out landscape construction teams on short or long term contracts.

## BIRDSVILLE HALL PRECINCT

The town hall is now due for a renovation both internally and out. The new streetscape has created a conversation about parking which has then highlighted the need to look at the land as a whole for an equitable and sustainable outcome.

### The Site

The Town Hall building was designed and built in the early eighties and sits on an East - West alignment slightly north of the properties center cutting the 'precinct' in half. To enable clear planning and design discussions in this report, the precinct is discussed as two sub precincts namely Adelaide street frontage and the Florence Street frontage which are connected by a 'service corridor' to the western boundary.

The town hall precinct 'Site Analysis' was undertaken to identify site constraints and opportunities particularly with regard to site function and amenity values. The following views describe some of the key issues and provide a point of reference for interpreting this report and master plan proposals.

The views below show the site in May 2019.



New Median & footpath with shady gums



Upgrade to entry required to improve amenity, visual cues and function



Upgrade service area function, security amenity



Upgrade Commercial lot interface amenityand



Building services area



Building services area



Front area paving has inconsistent levels



Close off services area from general public



Building entry needs better definition



Informal seating areas upgrade needed



Robust furniture and good spaces



Opportunities to extend hardstand areas



Service area - playgroup space interface



Opportunity for new and more functional building access



Back of Town Hall with playgroup space



Opportunity for new hall entry with deck



Secure robust fence



Parking opportunity and feature palm



Informal service area access track



Florence St aspect

## The Public's Opinions

The hall building has been identified by DSC as needing an upgrade to meet standards and future needs. The Adelaide Street upgrade has changed the function and amenity of the street which has also become part of the community conversation.

The community voiced a wide range of ideas and opinions about the landscape issues and opportunities in the township which are summarized in the dot points below:

### Adelaide Street frontage

- Hall is earmarked for a building upgrade to revitalize quality as well as adhere to current standards
- Minimal room for expansion to Adelaide st frontage – gardens can be adjusted
- Currently holds 'music / theatre / party events' of up to 250 people but needs to hold 600 for economic viability
- Desert plants appropriate and good for tourist message
- Parking is perceived as a problem with limited close safe access

- People park on roadhouse property informally during events
- Fencing needs to be upgraded to west due to safety concerns
- Fencing and planting design needs to be aware of fire risk
- Birdsville lodge fencing worth copying here as is low maintenance colour bond type
- Asbestos likely to be in building and needs assessment
- Bins and service area an eyesore and needs screening
- Lubricated patrons from pub cut thru at night and cause concerns to residents
- Front court gardens and layouts generally 'tired' but ok so planting, seats, paving need upgrade but must be low maintenance and no splinters
- Lighting is good as is, don't need spotlights and anything that attracts insects
- Poor drainage and ponding after rain
- Outdoor bar only - consider an indoor bar so patrons can stay inside
- Building doors and walls to allow for flexibility of access to front court
- Internal building reorganized to allow several functions to occur at same time so need to look at entry's, internal access and a toilet facility to Florence street side of building
- Car park to south not a priority as most will use Mr Brooks road house and Adelaide st
- Good idea to section off service area

### **Florence Street frontage**

- Town Hall patron Parking can be improved by putting a carpark out the back off Florence St
- If this happens then can be a more useful facility for, events, weddings and so forth
- This will require building refurb to include a new entry to the Florence St aspect.
- The playgroup will lose the indoor hall area for scooters so a shaded concrete area outside should be provided
- Playgroup facility could also be enhanced by fencing off the service area and access, providing a turfed area, sand pit, water play zone, shaded areas and secure fencing
- Back area can include shaded fly proof decks, BBQ zone, lawn etc. and open up the building with multiple door options
- There is a current access from Florence St to back of hall and needs to be maintained
- No public path needed thru hall property from Adelaide street to Florence street.
- Good idea to give the playgroup a better secure space

- Garden has a fairy garden connection to Ms Kelly incorporated which should be retained
- Idea was to have fruit trees, vegetables for the towns folk and teach kids about food and gardening
- Include a kids explore native garden with jungle elements as well as pipes, tyres etc
- Provide opportunity for use for physiotherapy for clinic
- Also can be a quiet area for reflection and meditation on health

## Master Plan Design Approach

The purpose of stakeholder engagement is to include public opinions in the design process. Therefore the public's opinions have summarized into the Key Master Plan Design Elements in the table below.

This approach provides ongoing development decision making transparency because as issues occur, and priorities change due to the dynamics of community evolution, the Council as custodians of the process can review and amend as required the planning and design brief for each future stage of the parks development.

In accordance with good practice and DSC brief each master plan design element has then been reviewed against the following criteria:

Place making, environmental and climate condition, universal access, relevant regulations and standards, sustainability, Parking and traffic, signage,- existing and proposed infrastructure, pedestrian / cyclist movement and linkages to other places.

This has enabled the clarification and finalization of the discussions and considerations component of the table.

## Birdsville Hall Precinct - Key Master Plan Design Elements

Landscape Element or Planning Matter	Discussions and considerations
Role of precinct	<ul style="list-style-type: none"> <li>• The Town Hall precinct provides the community with a meeting place, a storage place, a place to hold events and a place of civic pride.</li> <li>• Its value and use change over time as community needs require</li> <li>• The extent of the precinct's development will increase overtime as funds become available</li> <li>• The facilities and landscapes will need regular upgrades to meet the standards and expectations of the community</li> <li>• Event capacity is now estimated at needing 400 to 600 people to cover required event budget</li> </ul>

Planting strategy	<ul style="list-style-type: none"> <li>• Adelaide St <ul style="list-style-type: none"> <li>○ gardens have a strong existing structure based on native eucalypt trees and shrubs which serves the space well</li> <li>○ existing gardens could be embellished with low groundcovers</li> <li>○ New gardens should have tall shrubs to screen the new fences and enclose the courtyard space</li> <li>○ Irrigation needs to be installed sensitively to ensure current healthy plants remain healthy.</li> </ul> </li> <li>• Florence St <ul style="list-style-type: none"> <li>○ Currently undeveloped, has a row of trees that should be retained</li> <li>○ Playgroup space gardens are to be utilitarian and adaptable with deep spoils and irrigation. A signature tree or palm should be considered</li> <li>○ New town hall entry and deck zone is to be an irrigated sub-tropical oasis planting scheme with palms, leafy understory and colorful accent shrubs. Using the buildings and neighborhood fencing this area needs to be irrigated and physically protected from wind</li> <li>○ The Palm and Poinciana with subtropical planting scheme extends thru the car park to Florence st</li> </ul> </li> </ul>
Parking	<ul style="list-style-type: none"> <li>• Supplement existing street parking with dedicated car park on southern block. Initially stabilized rock / gravel top with asphalt and kerb to follow when budgets allow</li> </ul>
Internal upgrade to building	<ul style="list-style-type: none"> <li>• DSC are reviewing needs and funds to identify the scope of any upgrade to the building that will form part of the 'Architect's' building upgrade design brief</li> <li>• Include better connections from air-conditioned internal rooms to external spaces with a formal entry to north and south as well as large doors into fly screened external patios and decks</li> <li>• Reconfigure room to locate storage areas to western corner to align with vehicle access</li> <li>• Local groups can enter into a formal arrangement to use the space for activities such as school groups in the heat of summer to assist with annual budget</li> </ul>
Play group space	<ul style="list-style-type: none"> <li>• To include dedicated area that can be used by playgroup that includes a fenced, shaded concrete external area, raised gardens and a natural landscape area</li> <li>• Concrete driveway allows occasional access to building storage areas and then used by children as active play space</li> </ul>
Service area to west boundary	<ul style="list-style-type: none"> <li>• Replace boundary fence with colour bond style to stop unauthorized access, allow for safe storage and improve amenity</li> <li>• Extend access restriction fencing / screening to bin and air con zone to return to front of building</li> <li>• Concrete / stabilize whole of area</li> <li>• Install fence and gates to hall to control unauthorized access</li> </ul>

	from southern informal access driveway
Adelaide St Entry, garden and courtyard	<ul style="list-style-type: none"> <li>• Hall sign to be up graded to stone clad masonry consistent with Anzac park materials</li> <li>• New black powder coated steel pool fence and gate</li> <li>• Entry Path to be widened to 2m</li> <li>• Current general patio layout confirmed as fit for purpose -but subject to DSC architects design review</li> <li>• Propose minor changes to garden alignments to maximize space for furniture</li> <li>• Upgrade retaining wall seating to gardens, fencing, paving, seats, planters, bins and other furniture as budgets allow</li> <li>• Remove movie screen</li> <li>• Gardens upgrade irrigation and refurbish annually</li> </ul>
Florence St Entry	<ul style="list-style-type: none"> <li>• Formalize main car park entry and allow visual access by deleting fence to road</li> <li>• New pedestrian access to eastern boundary and connection / crossing to Caravan Park</li> <li>• Retain existing trees, fence and informal maintenance access track to western boundary</li> <li>• Feature palms to rear deck to complement the road house palms and develop tropical oasis theme to Hall entry</li> <li>• Low gardens generally for visual security enhanced by security cameras</li> </ul>

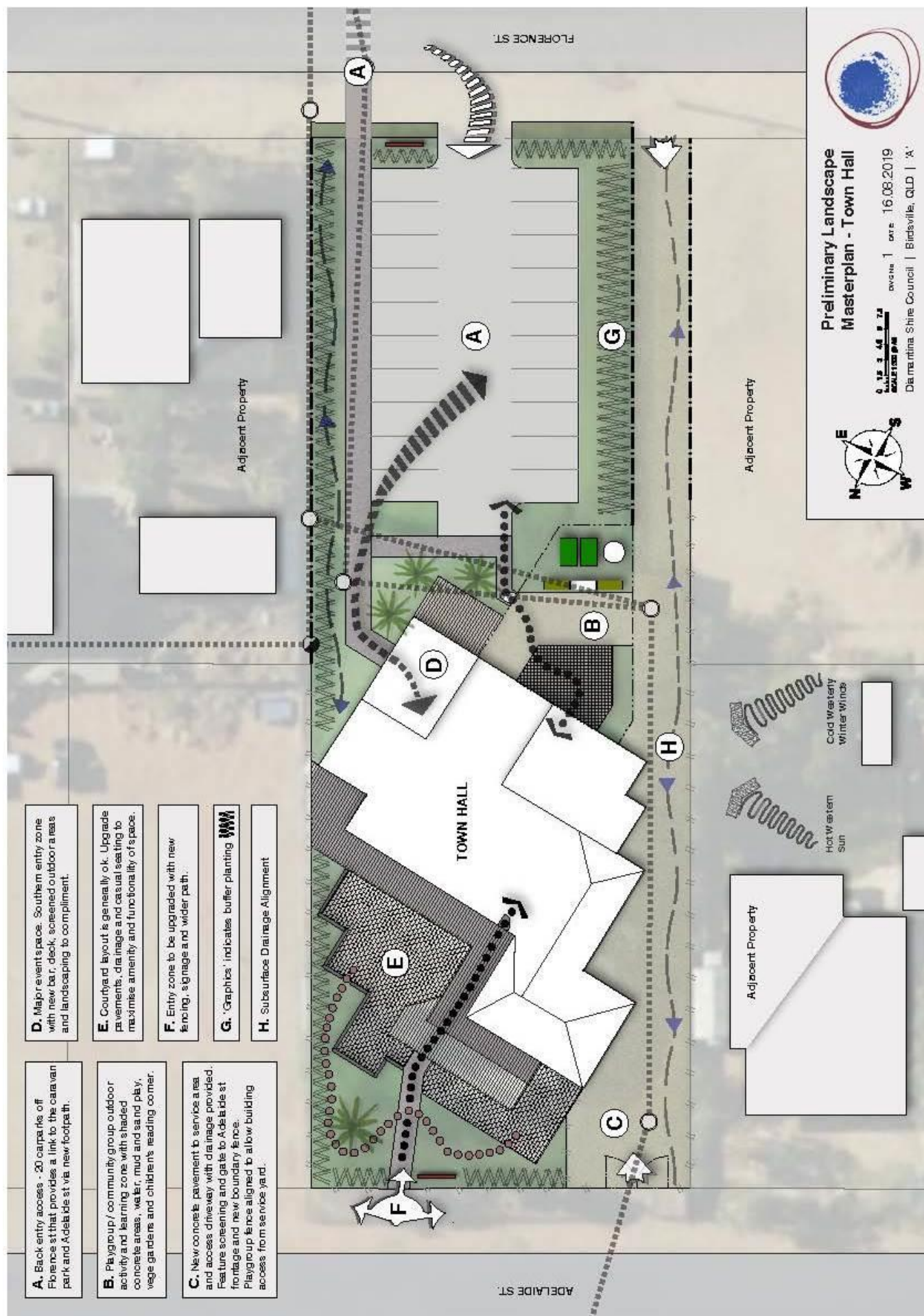
## Birdsville Hall Precinct - Preliminary Landscape Master Plan

The Preliminary Landscape Master Plan was developed with respect to the following key inputs including:

- original DSC brief and site reconnaissance
- site engineering and survey plans, photographic and site data
- research of local materials, expertise and costs for implementation
- research of appropriate landscape materials for importing, storage and use
- appropriate park furniture and infrastructure
- public opinions as raw data and as summaries
- key master plan design elements table

The Preliminary Landscape Master Plan (see below) was provided to DSC with a Community Engagement and Landscape Design Report for key stakeholder review and feedback.

## Birdsville Hall Precinct - Preliminary Landscape Master Plan



## Landscape Master Plan

The key stakeholders provided feedback on the Preliminary Landscape Master Plan and Community Engagement and Landscape Design Report.

The clarifications and priorities provided as part of the feedback are incorporated into the final master plan design rationale and plan.

The design rationale for the proposed landscape master plan is described in the following points:

### Adelaide Street

- I. Current white trunked gum trees, combined with native shrubs provide appropriate desert landscape 'placemaking' element bring the wider country to the town hall. These can be supplemented by traditional 'homestead oasis' planting for accent and colour
- II. Screen off the service yard with 2m colour bond fence - extend down property boundary as existing fence is not fit for purpose. Use darker grey colour to reduce visual impacts and blend with backgrounds. New gardens with screening shrubs provided where possible.
- III. existing gardens could be embellished with low groundcovers
- IV. New gardens should have tall shrubs to screen the new fences and enclose the courtyard space
- V. Irrigation needs to be installed sensitively to ensure current healthy plants remain healthy.
- VI. Service yard needs new concrete surface with correct levels and stormwater drainage
- VII. Front fence / gates to be black powder coated steel with a flat top for 'timeless' look
- VIII. Main entry path needs to be wider with a double gate and surface treated to provide a 'path to front door' in coordination with building upgrade architect. Allowance for events tables and chair node included in design
- IX. Existing paving replaced with coloured acid washed concrete that has correct falls and drainage to edges
- X. Existing concrete be acid washed to provide a new fresh surface
- XI. A new Town Hall' sign as a stone-faced masonry wall to be consistent with Anzac Park statuary stone masonry as part of a more consistent approach to townscape infrastructure
- XII. New courtyard layouts to provide shrub buffer to new dark grey colour bond fence on roadhouse boundary
- XIII. New bench seating to comfortable heights & width form sustainable materials to replace existing and extend to edges of courtyard

### Florence Street

- I. Currently undeveloped, has a row of trees that should be retained
- II. Playgroup space gardens are to be utilitarian and adaptable with deep spoils and irrigation. A signature tree or palm should be considered
- III. New town hall entry and deck zone is to be an irrigated sub-tropical oasis planting scheme with palms, leafy understory and colorful accent shrubs. Using the buildings and neighborhood fencing his area needs to be irrigated and physically protected from wind

- IV. The Palm and Poinciana with subtropical planting scheme extends thru the car park to Florence st New asphalt car carpark with 3m x 6m 'generous' parking bays
- V. Pathway from hall to street on eastern boundary with new row of trees
- VI. Sign and feature Palms and subtropical flowering trees at entry
- VII. Existing access driveway retained as informal surface and fence returns adjacent back door providing building access form service yard
- VIII. Double gates into the playgroup space allow vehicular access to storage room as required
- IX. Eastern play group space fence continues on building alignment and captures the existing community garden providing kids learning and play opportunities
- X. Area of community gardens also suitable for mud play and sand pit
- XI. Area adjacent building to have shade over concrete with artificial turf
- XII. Playgroup to have separate entry off carpark for pick parent drop off pick up
- XIII. Back of building next to storage to be extended out as a new entry with deck and pathway system linking from car park and Florence street.
- XIV. Iconic feature trees, shade and gardens with space for sculpture and community inputs.
- XV. Florence street fence to be removed and reused
- XVI. Florence street to have new foot path and crossing over to the caravan park linking back to Adelaide street

The site plan illustrates the layout of the Birdsville Town Hall and its surrounding areas, including commercial and residential lots, event space, playground, and various access points and fences.

**Commercial Lot:**

- ENTRY ZONE NEW FENCE, WIDER PATH, ENTRY GATE & SIGN
- NEW TIMBER SEAT WALL
- NEW FURNITURE
- EXISTING CONCRETE PATHWAY TO REMAIN
- SOUTHERN ENTRY ZONE WITH DECK, SCREENED OUTDOOR AREAS, BAR SETTING & LANDSCAPE
- EXISTING TOILET
- ACCESS GATE
- COURTYARD PAVEMENT UPGRADED
- NEW COLORBOND FENCE
- REMOVE EXISTING MOVIE SCREEN
- SW PITS WITH PAVEMENT GRATES TO SUIT
- EXISTING TREES TO REMAIN

**Event Space:**

- 1800 HIGH ACCESS GATES
- PLAYGROUP COMMUNITY OUTDOOR ZONE WITH SHADE SAIL
- COLORBOND FENCE
- TOWN HALL ENTRY
- CONCRETE SERVICE COURTYARD & DRIVEWAY
- SINGLE F&S DOUBLE GATE IN FENCE
- EXISTING STREET TREES
- DECOMPOSED GRAVEL PAD WITH EDGE TO GARDEN
- ADLAIDE STREET

**Residential Lot:**

- PROPOSED ASPHALT CARPARK
- NEW PEDESTRIAN CROSSING TO CARAVAN PARK
- EXISTING COLORBOND FENCE TO REMAIN
- PROPOSED CONCRETE PATHWAY
- LARGE SHADE TREES TO NW
- FUTURE PATHWAY
- TURF
- ENTRY SIGN
- ENTRY
- EXISTING TREES TO REMAIN
- EXISTING COLORBOND FENCE TO REMAIN
- FUTURE PATHWAY
- INFORMAL ACCESS TRACK WITH WHITE ROCK EDGE TO PROPERTY BOUNDARY
- PLAYGROUP GARDENS - RAISED PLANTER & SENSORY GARDEN
- CONCRETE PLAYSPACE & BUILDING ACCESS DRIVEWAY
- FUTURE RESIDENTIAL LOT
- FLORENCE STREET

**Other Features:**

- BIRDSTVILLE TOWN HALL
- MODULAR PLANTER BOXES
- BAR
- DRINK SUPPORT
- ACCESS GATE
- 11
- 20

## Birdsville Hall Precinct - Artists Impressions



Plan Perspective: Car Park Planting Buffer from Florence Street



Perspective: Car Park Entry from Florence Street

## Birdsville Hall Precinct - Artists Impressions



Perspective: Main Entry from Adelaide Street



Perspective: Playground Gardens - Raised Planted & Sensory Garden

## JARDINE STREET PARK

This park has a partly built shelter, shade structure and playground sited in the new residential area of the town close to new families. It is considered by the community as a small local park however it sits in a much larger open space area which forms part of a township open space network and has plenty of future potential.

The Adelaide Street frontage forms part of the tourist departure and arrival from the western desert environment as well as the Bronco Branding Yard, historic cemetery and proposed Golf Club. Any improvement in the amenity of this open space would enhance visitor experience and tourist potential.

### The Site

The Jardine Street Park 'Site Analysis' was undertaken to identify site constraints and opportunities particularly with regard to site function and amenity values. The following views describe some of the key issues and provide a point of reference for interpreting this report and master plan proposals.

The views below show the site in May 2019.



Jardine Street neighborhood park context



Playground & shelter under construction



House needs garden buffer to Playground



House needs garden buffer to park shelter



Iconic Waddi Trees preserved on mounding



Retain open views to informal path



Iconic Wadi Trees on mound to Adelaide st



Main view in can be improved with mounds, dry creek drain lines and scattered trees



Opportunity for simple, low cost and low maintenance 'Desert Landscape'



The road to the Simpson, opportunity for first and last tourist impression of Birdsville

## The Public's Opinions

The community voiced a wide range of ideas and opinions about the landscape issues and opportunities in the township which are summarized in the dot points below:

- Key issue is the future size of the park as it is a big block from the desert road to Jardine St.
- DSC have made a long-term planning decision to provide some substantial open space that links Adelaide st in the north, south past Jardine St to the billabong
- However, some want to finish the park at the rear of the playground and not extend the area back towards the main road.
- Community needs to review the extent of public open space in town
- Need to have good noise attenuation fencing and buffers to residential boundaries
- Existing portion with the equipment use and size are appropriate as neighborhood park that is private for locals
- Is used by parents for kids' birthdays
- Could be a nice meeting place for locals if developed, need to screen park from tourists and direct them to ANZAC park
- Has sewer water and power connections available
- Needs a fence to current back of playground for children security
- Shelter will make a difference to numbers using play equipment
- Play equipment needs Australian Standard soft fall underneath
- Community needs to consider a suitable name which will help 'place making'
- Needs a clear layout of gardens, turfing areas, shady seats, shelters, drinking fountain and paths
- Future options include BBQ, toilet, other play equipment, bin, art and signage
- High winds bring soil drift so fencing to have barrier incorporated
- Parking on street needs to be structured with at least bollards but kerb and channel eventually
- Street needs shady trees for people on footpaths going down to bakery and town
- Northern portion can be a passive natural zone and extending the waddi trees as a feature with a path linking back to town
- Can provide some opportunities for cars & vans to pull over into a shady zone
- Could provide 'launch pad' for tourists going out to historic cemetery, Big Red, desert tracks and bronco yards

## Master Plan Design Approach

The purpose of stakeholder engagement is to include public opinions in the design process. Therefore the public's opinions have summarized into the Key Master Plan Design Elements in the table below.

This approach provides ongoing development decision making transparency because as issues occur, and priorities change due to the dynamics of community evolution, the Council as custodians of the process can review and amend as required the planning and design brief for each future stage of the parks development.

In accordance with good practice and DSC brief, each master plan design element has then been reviewed against the following criteria:

Place making, environmental and climate condition, universal access, relevant regulations and standards, sustainability, Parking and traffic, signage, existing and proposed infrastructure, pedestrian / cyclist movement and linkages to other places.

This has enabled the clarification and finalization of the discussions and considerations component of the table.

### Jardine Street Park - Key Master Plan Design Elements

Master Plan Design Elements	Discussions and Considerations
Role of park	<ul style="list-style-type: none"><li>• This park forms part of the township's open space network linking the north to the south. It has a neighborhood park with a playground and picnic shelter embedded in its southern portion</li><li>• The park currently is primarily a small neighborhood park for the residents of the western part of town and occasional visitors.</li><li>• The use is valued by residents and there is an intent by DSC to complete the establishment of this portion of the site. The park has undergone a major upgrade to the playground and shelter facilities in recent years.</li><li>• Its wider role and future development as an open space link that can provide a much needed exercise / tourist experience has significant potential due to its location close to the town center.</li><li>• Of great economic importance is its location on the doorstep to the western deserts, bronco yards, cemetery and golf course providing excellent opportunities to reinforce the tourist experience of the 'western gateway to and from town.</li><li>• The large portion to the north and west has potential for use as a desert styled BMX track as well as a celebration of desert landscapes and indigenous culture with potential to provide jobs</li></ul>
Planting Strategy	<ul style="list-style-type: none"><li>• Jardine St Neighborhood Park<ul style="list-style-type: none"><li>○ Functions as an irrigated oasis of comfortable family and kids play so needs to have a formal layout and</li></ul></li></ul>

	<ul style="list-style-type: none"> <li>structure <ul style="list-style-type: none"> <li>○ Plants chosen for resistance to physical damage and quick repair</li> <li>○ Planting needs screening shrubs to side boundaries and all other gardens to a max height of a meter to allow uninterrupted views so kids can be monitored by parents</li> <li>○ As an 'edge of town park' the feature trees are the Bottle tree and the Waddi tree</li> <li>○ Park does not need many shade trees as playground and picnics settings have shade structures</li> <li>○ Tree free area over the lawn is provided to allow star gazing.</li> </ul> </li> <li>• Adelaide St open space <ul style="list-style-type: none"> <li>○ All existing trees and shrubs to remain</li> <li>○ Key development value is to improve the desert threshold amenity / experience</li> <li>○ Non irrigated desert landscape with low sand hills and gibber flats are to be complemented by Coolabah, Acacia, Bottle and other iconic desert trees.</li> <li>○ Trees to be planted adjacent property boundaries to define the space visually.</li> <li>○ Shrubs and groundcovers to be established over time where they can be sustained</li> <li>○ Opportunities to include indigenous culture to schemes to be considered.</li> </ul> </li> </ul>
Public Open Space	<ul style="list-style-type: none"> <li>• The land has been dedicated to connect the neighborhood with environmental and public parks</li> <li>• The 'playground park' acts as a local park within a large environmental park</li> </ul>
Gateway	<ul style="list-style-type: none"> <li>• As a key piece of public land at the 'gateway' to the desert the Birdsville / Simpson desert national park road needs development in support of the local tourist industry</li> <li>• Land has water, power, and sewer available but will need free WIFI</li> </ul>
Environmental Park	<ul style="list-style-type: none"> <li>• The public open space balance area that is not the local park has very limited public understanding and development budget</li> <li>• This area extends south over Jardine street to the Billabong</li> <li>• Its development as environmental park should include: ground forming, paths, signage, tree and shrub plantings.</li> <li>• The Adelaide street frontage may have future use as a 'Desert Road' tourist stop so space should be allocated in the master plan</li> <li>• Both pioneer and aboriginal heritage values can provide tourists with another experience option but also reinforce local understanding of Birdsville's heritage</li> </ul>
Playground use	<ul style="list-style-type: none"> <li>• The playground is preferred to be developed primarily as a local neighborhood park with visitors welcome.</li> </ul>
Playground zone facilities	<ul style="list-style-type: none"> <li>• Urgent installation of softball required under play equipment</li> <li>• As budgets allow the park can be further developed to provide:</li> </ul>

	toilet, bubbler / tap, power, lighting, BBQ, second shelter, formal and informal seating.
Playground zone safety	<ul style="list-style-type: none"> <li>• Fencing to Jardine street will improve safety concerns for parents relaxing on the park</li> <li>• Gardens should have low plantings and shade trees</li> </ul>
Pathways links	<ul style="list-style-type: none"> <li>• Paths links to be provided north and south of Jardine St to link with the billabong and Wirrarri recreation park</li> </ul>

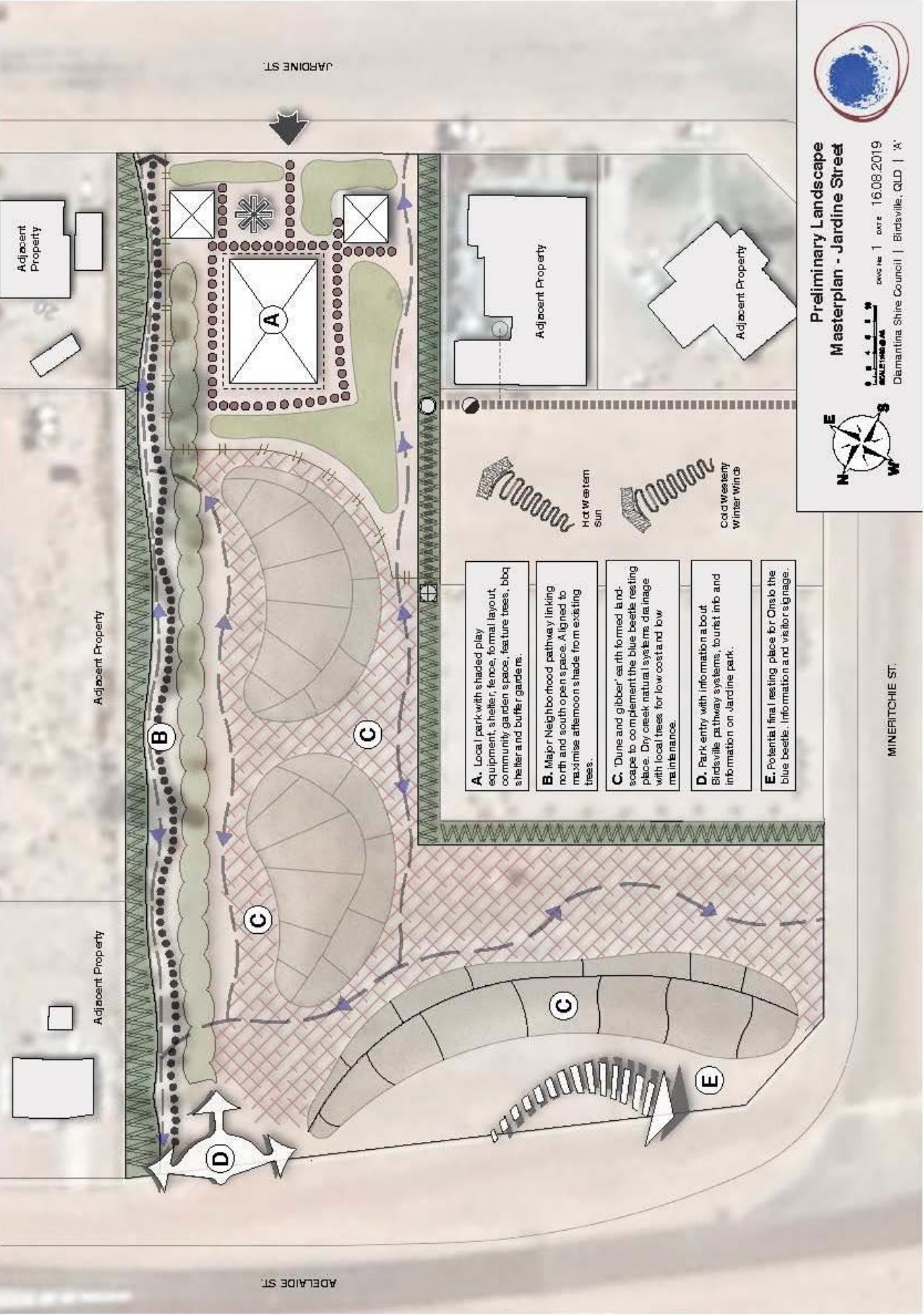
## Jardine Street Park – Preliminary Master Plan

The Preliminary landscape master plan was developed with respect to the following key inputs including:

- original DSC brief and site reconnaissance
- site engineering and survey plans, photographic and site data
- research of local materials, expertise and costs for implementation
- research of appropriate landscape materials for importing, storage and use
- appropriate park furniture and infrastructure
- public opinions as raw data and as summaries
- key master plan design elements table

The Preliminary Landscape Master Plan (see below) was provided to DSC with a Community Engagement and Landscape Design Report for key stakeholder review and feedback.

Jardine Street Park - Preliminary Master Plan



## Landscape Master Plan

The key stakeholders provided feedback on the Preliminary Landscape Master Plan and a Community Engagement and Landscape Design Report.

The clarifications and priorities provided as part of the feedback are incorporated into the final master plan design rationale and plan.

The design rationale for the proposed landscape master plan is described in the following points:

### General

- I. Has an existing partly built local park on Jardine street that needs to be completed.
- II. Rest of park area is 'desert landscape' with low or no maintenance but should be ground formed to improve amenity for locals as well as being a gateway into town
- III. Forms part of a north south open space link between the main street desert edge and the billabong
- IV. Is located in a residential area but northern edge is on the major tourist route west out to the Simpson desert and national parks
- V. Has water, power, sewer services
- VI. Main use is expected to be for local kids in local park and then locals and tourists over the balance

### Jardine St Park

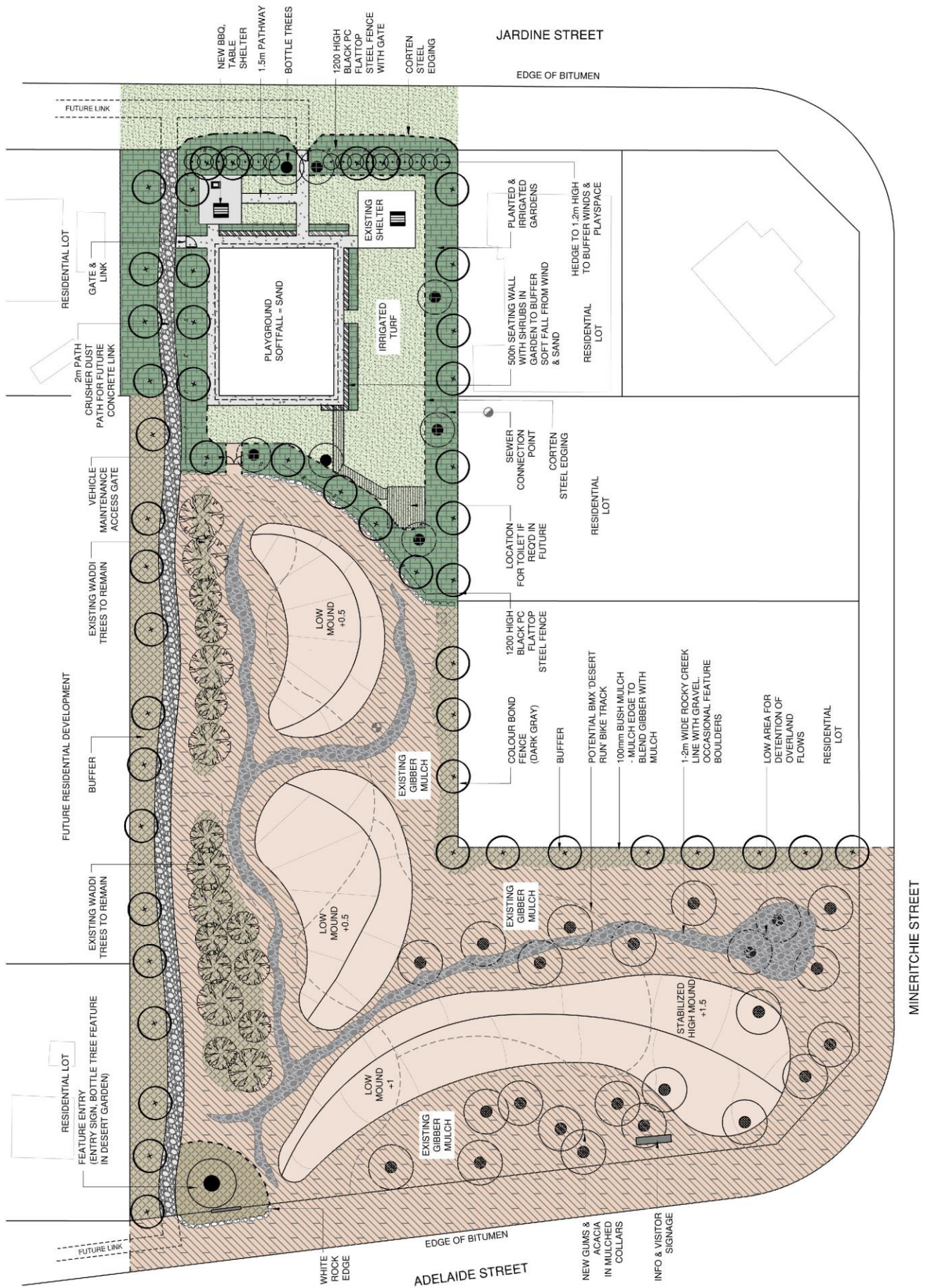
- I. The layout is a series of rectangles and this formal approach should be continued in this area with feature / shade trees, low plantings where irrigation is possible.
- II. Functions as an irrigated oasis of comfortable family and kids play so needs to have a formal layout and structure
- III. Plants chosen for resistance to physical damage and quick repair
- IV. Planting needs screening shrubs to side boundaries and all other gardens to a max height of a meter to allow uninterrupted views so kids can be monitored by parents
- V. As an 'edge of town park' the feature trees are the bottle tree and the Waddi tree
- VI. Park does not need many shade trees as playground and picnics settings have shade structures
- VII. Tree free area over the lawn is provided to allow star gazing.
- VIII. Needs a small area of turf for kids to run and play
- IX. Playground shelter and adjacent park shelter is to be completed during 2019 /20
- X. Playground should have a low wall, gardens and concrete access path around it which will help retain soft fall
- XI. The area should be fenced with commercial grade steel pool fence with a main entry /exit centrally located off Jardine street and maintenance vehicle access to the north
- XII. A second shelter when required should be located to mirror the existing one and could have a BBQ facility associated
- XIII. Landscaped buffers to adjacent residential properties should be provided with overland flow drainage
- XIV. Provision for a small 'hard court' for ball play / scootering etc should be considered where casual surveillance from shelters occurs off Jardine street
- XV. Needs some feature bottle trees to frame and edge this zone and provide visual interest
- XVI. There is sewer infrastructure to the north west of this area so if a toilet facility is considered an adjacent location allowing cost effective connection would be suitable.

- XVII. From a placemaking perspective 'Star Gazing and Cosmos Appreciation' is a timeless theme for all ages and may complement tourist experiences as this location is low light but close to key facilities.

### **Adelaide St - Northern Open Space**

- I. Currently an undeveloped area with low value to the community but has potential as a town gateway tourist stop as well as an environmental park with strong indigenous values
- II. All existing trees and shrubs to remain
- III. Key development value is to improve the desert threshold amenity / experience
- IV. Non irrigated desert landscape with low sand hills and gibber flats are to be complemented by Coolabah, Acacia, Bottle and other iconic desert trees.
- V. Trees to be planted adjacent property boundaries to define the space visually.
- VI. Shrubs and groundcovers to be established over time where they can be sustained
- VII. Opportunities to include indigenous culture to schemes to be considered
- VIII. The park does provide a key local NS link and the best location for the path is east of the existing row of trees which will provide some shade from the north and western sun
- IX. Facilities and information associated with desert tourism should be provided on the Birdsville / Simpson desert national parks road and could include: History, geology, cultural, mapping info and so forth. The design process will need to consult closely with the local operators to ensure it is set up is fit for purpose
- X. The general landscape should be low cost and reflect desert landscapes with gums, acacias, low sand dunes and areas of gibber etc.
- XI. The landscape works will be broad scale earthworks and planting and follow the local conditions to 'evolve over time' but allow for practical things like drainage, access for tourists etc
- XII. There are opportunities to include both indigenous culture and business to the development of this area mainly for tourists so local elders should also be key on-going stakeholders in its development
- XIII. Mountain bike adventure tourism is a key opportunity for the town and this area can provide a location for pre desert training / info etc
- XIV. Any proposals for memorials will need to be considered under the DSC memorials policy framework therefore currently precluding any relocation of Onslow.

# Jardine Street Park – Landscape Master Plan



## Jardine Street Park – Artists Impressions

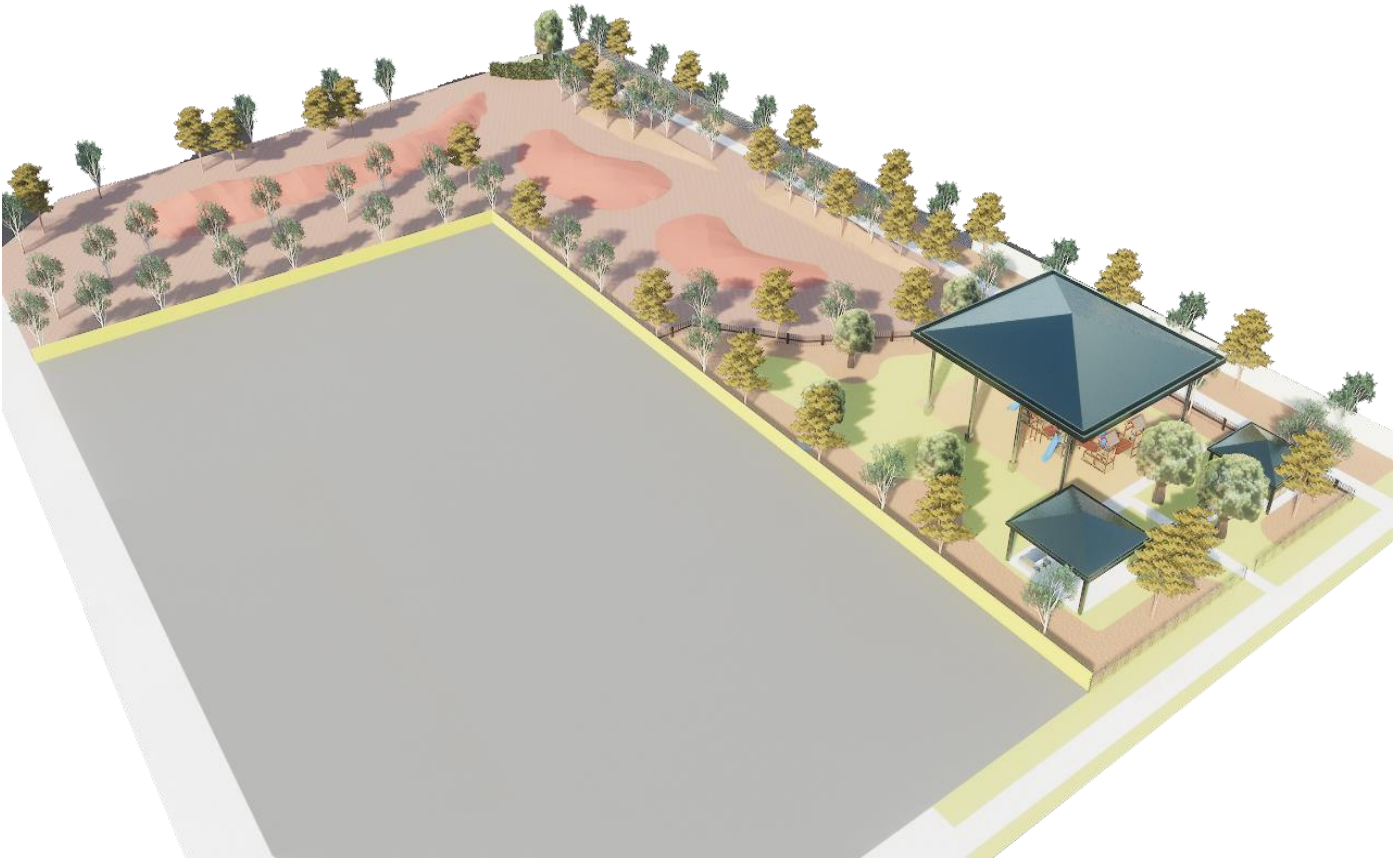


Perspective: Main Entry from Jardine Street



Perspective: Park Entry from Adelaide St

Jardine Street Park - Artists Impressions



Perspective: Jardine Street Park overall

## ANZAC PARK

Valued as a place that celebrates pioneering and ANZAC heritage the park functions as an excellent attraction for tourists whilst providing locals with a 'town center' park with facilities.

In recent years the first stages of its development into a significant tourist and local park has occurred. Parts of the park have been transformed into an irrigated shady green oasis with a range of facilities including toilets, tap, bubbler, BBQ, shaded picnic settings and historical information signage.

### The Site

The Anzac Park 'Site Analysis' was undertaken to identify site constraints and opportunities particularly with regard to site function and amenity values. The following views describe some of the key issues and provide a point of reference for interpreting this report and master plan proposals.

The views below show the site in May 2019.



Anzac day 2019



Crowd observing from shaded area



Formal lawns and gardens with iconic gums and Waddi trees



Street closure for parade from Pub to Anzac Park, a local tradition



Facilities used for dawn service



Footpath and road used for ceremonies



Service Memorials, statuary and flag pole

View to street



Lest we forget



Sturt's memorial needs refurbishment and better position on a main path



New shelter in formal park setting



Space for park infrastructure



Path network not to standard widths



BBQ hidden from road



New shelter with lush lawn outlook

South view to undeveloped areas



Playground needs soft fall and revised garden layouts to meet safety standards



View from basketball hoop slab showing informal use of park by locals



View of undeveloped park area and shelter near the end of its functional life



View of undeveloped park boundary with Heritage Hospital

## The Public's Opinions

It has significant underutilized land and, with its proximity to heritage listed buildings, the town center and pub, has attracted much community debate and development ideas that need to be considered by the community before critical funding decisions are made.

The community voiced a wide range of ideas and opinions about the landscape issues and opportunities in the township which are summarized in the dot points below:

- Is the main town park with significant heritage values mainly based on Anzac and pioneering history?
- It is a 'Tourist park' and 'oasis' after the long drive to BV but also for locals who live out of town - adults chill out, kids can run around safely, facilities and services available

- Park is viewed by some as a great location for a water play facility that would provide a clean refreshing pit stop for tourists and local kids. Tourists will be encouraged to stop longer and improve visitor numbers.
- Others believe a waste of money, as too cold in winter to use when tourists are in town and too hot in summer to be refreshing when tourists are not in town anyway.
- Is adjacent two heritage listed buildings
- Memorial plantings behind toilets should be respected
- DSC / the community has sorted some funding for the road safety school and should be followed up
- Is expected to be placed in anzac park
- Could use more of the park and make it multifunctional – kiddies section and adults walk
- Could look at the pedal park at Aura for inspiration
- Should use all of the park and track could weave in and out the trees
- Parking could be provide off Frew St – DSC need to discuss with Mr Brooks
- WA has a great program and should be researched
- This park is the first stop for tourists, should have exercise equipment
- Not necessary for a water park here as not enough users in town and tourists not likely to use it
- Water park will be high maintenance, difficult to fix
- Need to shift monuments so people can sit and stand comfortably in the park not makeshift in the road.
- Has toilets, play equipment, shelters, information
- Features the ANZAC memorial gardens that host the annual event that typically draws 100 people each year (approx. 50 in 2019 due to flood)
- Occasionally used for local events due to toilets and power as well as well-maintained garden and lawn. Jumping castle / water play is a regular in the park
- ANZAC day access, parking, safety and convenience are issues that the community minimizes through good organization on the day
- Park is underutilized needs more shade, BBQ'S and drinking fountains
- Play equipment is unsafe and needs replacing but no in same area next to ANZAC memorial
- Basketball hoop play is a facility that needs to stay
- A revised layout with digger to east looking back into park will alleviate the issues and improve ANZAC day event experience as well as the tourist experience

- Park area is deceptively large and can fit other tourist and local facilities including: path for stretching legs after long drive, exercise equipment, learning traffic rules bike path
- The park can also improve its role as Centre of historical / cultural experience of BV particularly with regard to Aboriginal history and 'why Birdsville is here'.....
- The park is a 'first call park' and should direct tourists to other places such as the Wirrarii information center and rec park, Two Boys Dreaming, pelican point, the cemetery and so forth
- The park could have a water related play experience
- The park can also provide more information on flora and fauna of the region such as the famous waddi trees examples of which are in the park
- Could be home to community gardens that tourists can pick herbs, fruit and vegies
- Need better connections to caravan park
- Fly and midge free zone needed

## Master Plan Design Approach

The purpose of stakeholder engagement is to include public opinions in the design process. Therefore the public's opinions have summarized into the Key Master Plan Design Elements in the table below.

This approach provides ongoing development decision making transparency because as issues occur, and priorities change due to the dynamics of community evolution, the Council as custodians of the process can review and amend as required the planning and design brief for each future stage of the parks development.

In accordance with good practice and DSC brief each master plan design element has then been reviewed against the following criteria:

Place making, environmental and climate condition, universal access, relevant regulations and standards, sustainability, Parking and traffic, signage,- existing and proposed infrastructure, pedestrian / cyclist movement and linkages to other places.

This has enabled the clarification and finalization of the discussions and considerations component of the table.

## Anzac Park - Key Master Plan Design Elements

Master Plan Design Element	Discussion and Considerations
Role of park & Priorities	<ul style="list-style-type: none"> <li>• The park is primarily a local park for the town center that has key facilities and value to tourists</li> <li>• The park is fit for this purpose and has undergone regular upgrades in recent years</li> <li>• The parks facilities and landscapes will need regular upgrades to meet the expectations of the tourists, particularly those on a driving holiday.</li> <li>• If the play equipment was upgraded local children and families would use the park more often</li> </ul>
Planting strategy	<ul style="list-style-type: none"> <li>• Functions as an irrigated oasis for township visitors and residents providing a comfortable space to relax and get to know the town</li> <li>• Has strong pioneering and military traditions so needs to have a formal layout and structure</li> <li>• Plants chosen for resistance to physical damage and quick repair</li> <li>• Planting needs screening or edge defining buffer shrubs to side boundaries in consultation with owners</li> <li>• All other gardens to a max height of a meter to allow uninterrupted views so kids can be monitored by parents</li> <li>• Existing trees generally to remain except where internal view lines and infrastructure are required.</li> <li>• The iconic Anzac tree is the 'lone' pine. A feature of the welcome travelers experience upon arrival in Australia is the Norfolk pine. These pines are to be introduced as a key park element.</li> <li>• This park has an educational narrative so other Birdsville township culturally relevant trees will be featured here including the Waddi tree</li> </ul>
ANZAC zone	<ul style="list-style-type: none"> <li>• The park is used annually for the ANZAC services and parade which is a significant community event</li> <li>• The due to the layout and location of the ANZAC monuments the audience has to stand in the road</li> <li>• The toilet provides light and the nearest power outlet and so forms part of the view and ambience witnessed by the audience</li> <li>• For the rest of the year the aspect of the park monuments is not an issue so there is no community interest in budgeting for any reconfiguration</li> </ul>
Pioneer heritage values	<ul style="list-style-type: none"> <li>• Set in the main street, with heritage buildings on adjacent lots and the Anzac monuments provides a strong pioneer heritage theme</li> <li>• These values can be reinforced by regular upgrades and web-based info platform for tourists</li> </ul>

	<ul style="list-style-type: none"> <li>• Opportunities to explore the adjacent heritage sites form linking pathways should be a future goal</li> </ul>
Aboriginal heritage values	<ul style="list-style-type: none"> <li>• This park setting does not have a strong connection to aboriginal values due to existence of Two Boys dreaming and 'the Meeting Place' facilities.</li> <li>• However, information signage and maps showing township aboriginal heritage site should be provided</li> </ul>
Tourist facilities	<ul style="list-style-type: none"> <li>• The park facilities are understood to be often used as a 'pit stop' for driving tourists and locals that live external to town. Of particular value are the toilets, tap and shady seating.</li> <li>• The park needs a updatable park and township map as part of a suite of park signage that will enhance the tourist's experience and encourage them to stay or revisit</li> <li>• The play equipment is no longer meeting safety standards and should be upgraded and recertified</li> <li>• Further low budget facilities could include a shady path for a short walk, WIFI, BBQ, and a small playground.</li> <li>• The provision of a shelter that has some protection against flies would be highly valued by tourists and locals alike.</li> </ul>
Water park	<ul style="list-style-type: none"> <li>• Due to the abundance of water and the success of water parks across the inland regions a small water park is under consideration.</li> <li>• Key considerations are capital and maintenance costs in the context of annual use and value to the tourist operators in the town.</li> <li>• If the community finds that there is value in this investment then Anzac Park is a good location due to ability to fence and landscape the area to reduce sand and dust drift impacts.</li> <li>• It is also central to the key visitor lodgings at caravan park, Birdsville lodge, the hotel as well as having excellent exposure being on Adelaide street the main road.</li> <li>• It is also close to the school, fuel stop, post office, town hall and roadhouse all of which form the core of community infrastructure for locals.</li> </ul>
Road rules and leg stretch path	<ul style="list-style-type: none"> <li>• The community is also considering the value of installing a 'road rules' children's cycle path.</li> <li>• The path would have a dual purpose in providing a shady path for a short walk around after the long drive in</li> <li>• Logically this then becomes an opportunity for a limited exercise station which then can describe longer walks around the towns open space and park networks</li> </ul>
Gardens upgrade	<ul style="list-style-type: none"> <li>• The park can also provide more information on flora and fauna of the region such as the famous Waddi trees examples of which are in the park</li> <li>• Buffering to the houses to the north will be required as well as full cover of turf and gardens over the park to create an impression of arriving at an outback oasis</li> </ul>

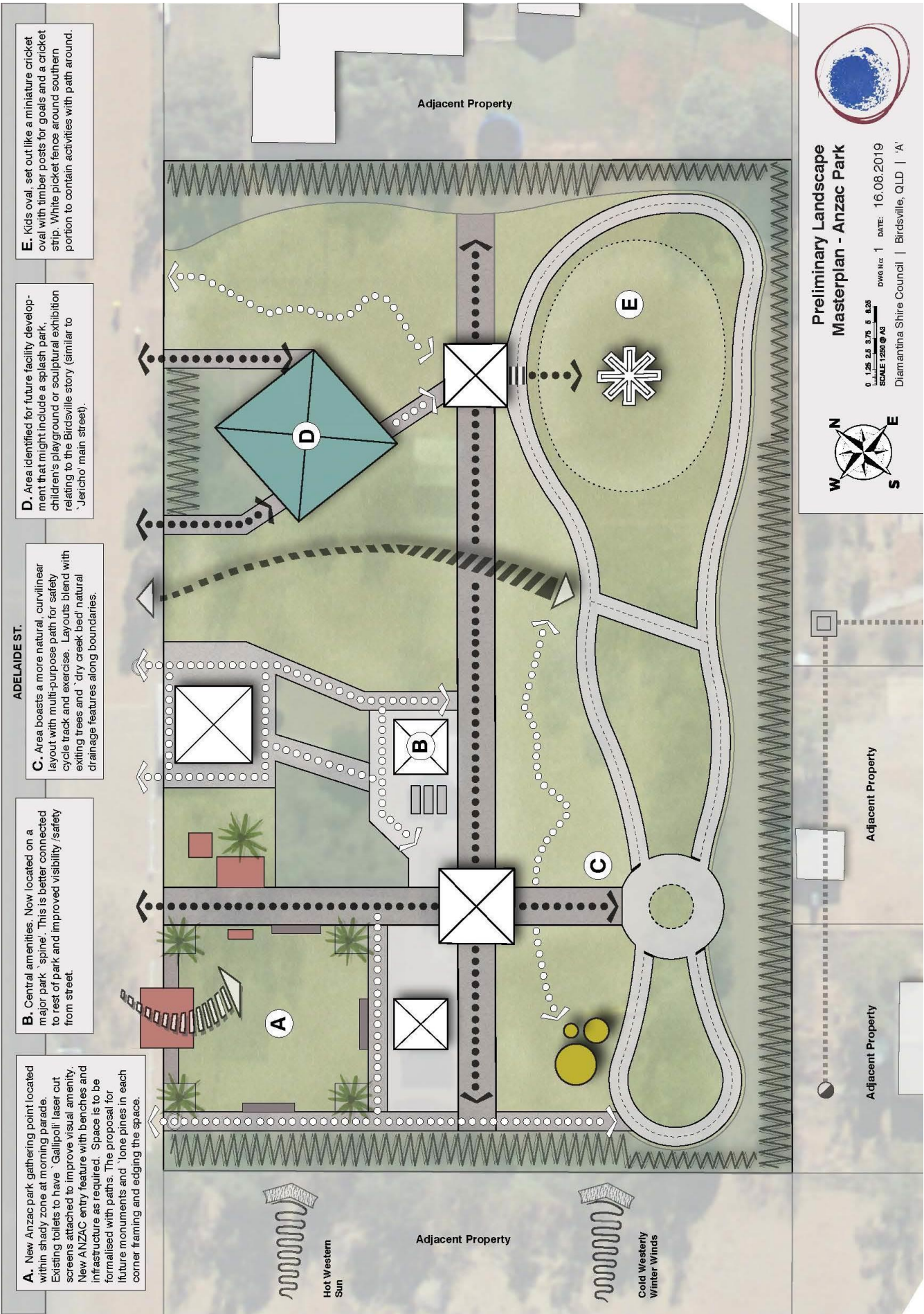
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## Landscape Master Plan

The key stakeholders provided feedback on the Preliminary Landscape Master Plan and a Community Engagement and Landscape Design Report.

The clarifications and priorities provided as part of the feedback are incorporated into the final master plan design rationale and plan.

The design rationale for the proposed Anzac Park master plan is described in the following points:

### General

- I. The pioneering legacy is celebrated in this park with signage and connections to Hospital and Royal Hotel ruins
- II. A key pit-stop for locals who live out of town so a strong rural industry celebration and recognition should form part of the experience
- III. As a key tourist 'pit stop' information signage and WIFI needs to be provided here with perhaps a digital sign with local information and current temperatures would be fun to stand next to when its 50 or zero degrees!!
- IV. This is a celebration of Birdsville space..... Need to open up park to views in from Adelaide street Functions as an irrigated oasis for township visitors and residents providing a comfortable space to relax and get to know the town
- V. Has strong pioneering and military traditions so needs to have a formal garden layout and structure
- VI. Plants chosen for resistance to physical damage and quick repair
- VII. Planting needs screening or edge defining buffer shrubs to side boundaries in consultation with owners
- VIII. All other gardens to a max height of a metre to allow uninterrupted views so kids can be monitored by parents
- IX. Existing trees generally to remain except where internal view lines and infrastructure are required.
- X. The iconic Anzac tree is the 'lone' pine. A feature of the welcome travellers experience upon arrival in Australia is the Norfolk pine. These pines are to be introduced as a key park element.
- XI. This park has an educational narrative so other Birdsville township culturally relevant trees will be featured here including the Waddi tree
- XII. Fencing / mounding and planting for privacy and drainage to all boundaries where possible
- XIII. Gardens edged in white sandstone sleepers and feature areas with the white rock installed to masons' detail
- XIV. Minimal small shrubs and ground covers to maintain visibility throughout
- XV. Existing playground to be refurbished, new softfall and recertified as fit for purpose with a shade sail over
- XVI. Some minor changes needed to make the most of conditions at the annual Anzac Day event

### Anzac Space

- I. Due to position of the sun and shade at the parade and service the focus needs to be to the west of the soldier who needs to be repositioned to face west so the dawn light appears over his head

- II. A new shaded path with shade structure designed for maximum shade to seating areas at parade time seat with power and space that can be used for the 'honours table'
- III. This then connects to the ANZAC soldier by a path thru the lawn creating a 'sacred space' for laying of wreaths with space for the event rostrum
- IV. The Sturt Memorial is to be relocated to the path and space is allocated for future memorials in that space
- V. 'Anzac square' then can have pines in the corners to frame the space and some occasional 'seats of contemplation'
- VI. Toilet is very visible with pinks and reds in a busy layout making it the main park feature, great for the toilet makers but not good for park amenity.
- VII. The toilet should be clad with internally lit laser cut screens depicting Birdsville's commitment to the armed and other 'services' eligible to march on Anzac Day such as a 'Sunrise over Gallipoli' scene
- VIII. Main path in then becomes a main 'axis' into the park

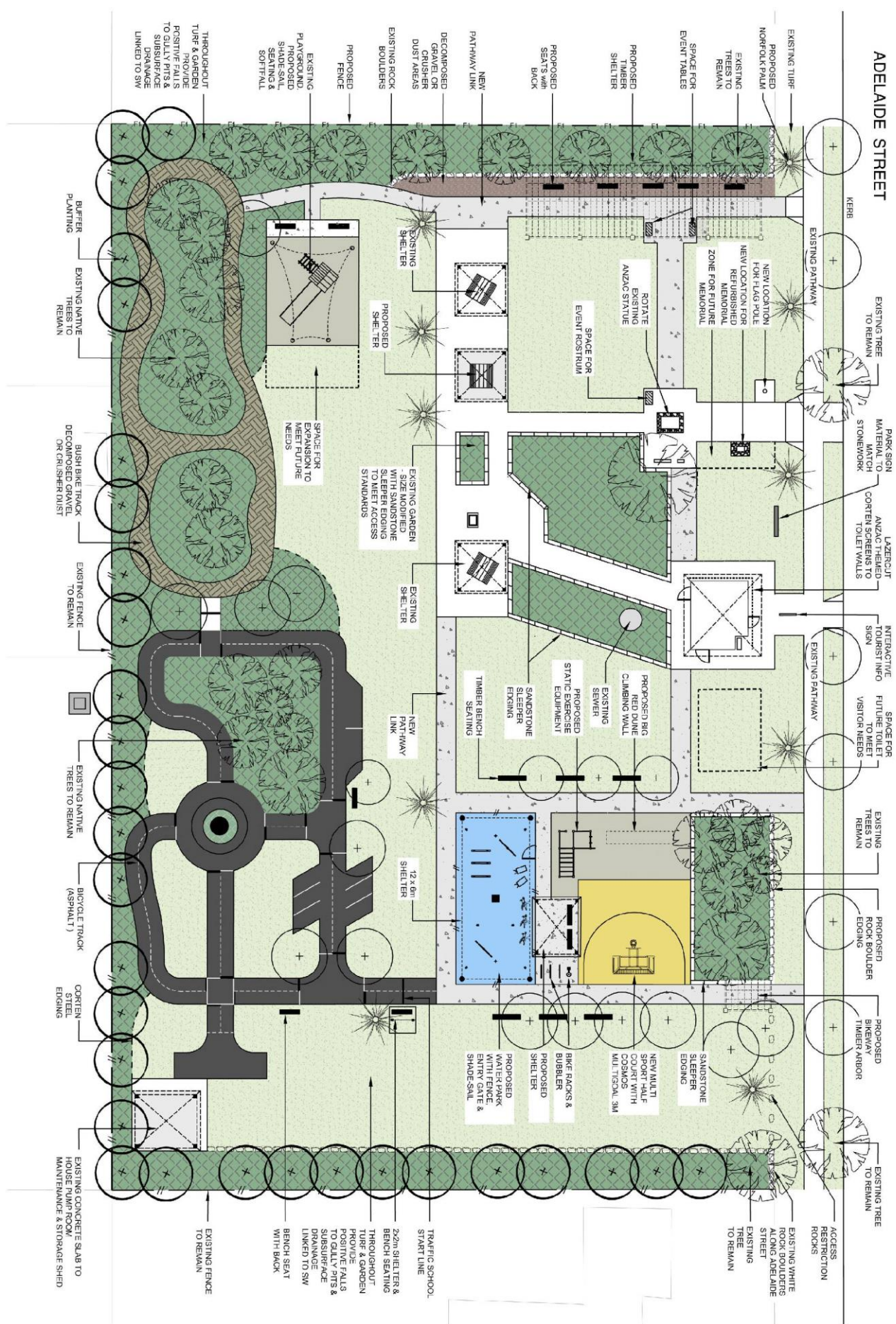
### **Tourist Facilities and Undeveloped Areas**

- I. The shelters and BBQ are currently hidden from the road but are a good distance away from feature toilets
- II. New layout opens up these facilities to main views and paths to improve usage, one shelter and picnic facility needs to be removed and not fit for purpose
- III. Improve sizes and networks of paths to provide an east west path that bisects the formal layout to south that feature green lawns and the 'organic' layouts to the north with more gravel and organic mulch
- IV. 'Entries' to the southern section occur along the EW path providing guidance for users of all abilities and ages for learning, fun and exercise
- V. These entries can have shade seating, WIFI and are intended for hanging out in
- VI. This axis will connect to any future Splash Pad which is located away from potential leaf litter to maximise visual access into park as well as reducing impacts of access restriction fencing should it be required
- VII. Some appropriate 'natural play equipment could be located in association amongst the trees in the adjacent garden

### **Exercise, Learning and Play**

- I. The western portion features a green 'long lawn' inviting visitors to take off their shoes and run around
- II. There is a road safety school bike path facility and a mini bmx track amongst the trees
- III. A combination hoop and goal is on a half court that is book ended with a 'Red Dune' climbing wall
- IV. Drainage will need to be provided to boundaries and fencing upgraded as required

# Anzac Park Landscape Master Plan



Anzac Park - Artists Impressions



Anzac Park - Artists Impressions

