

Berrigan Town Concept Plan

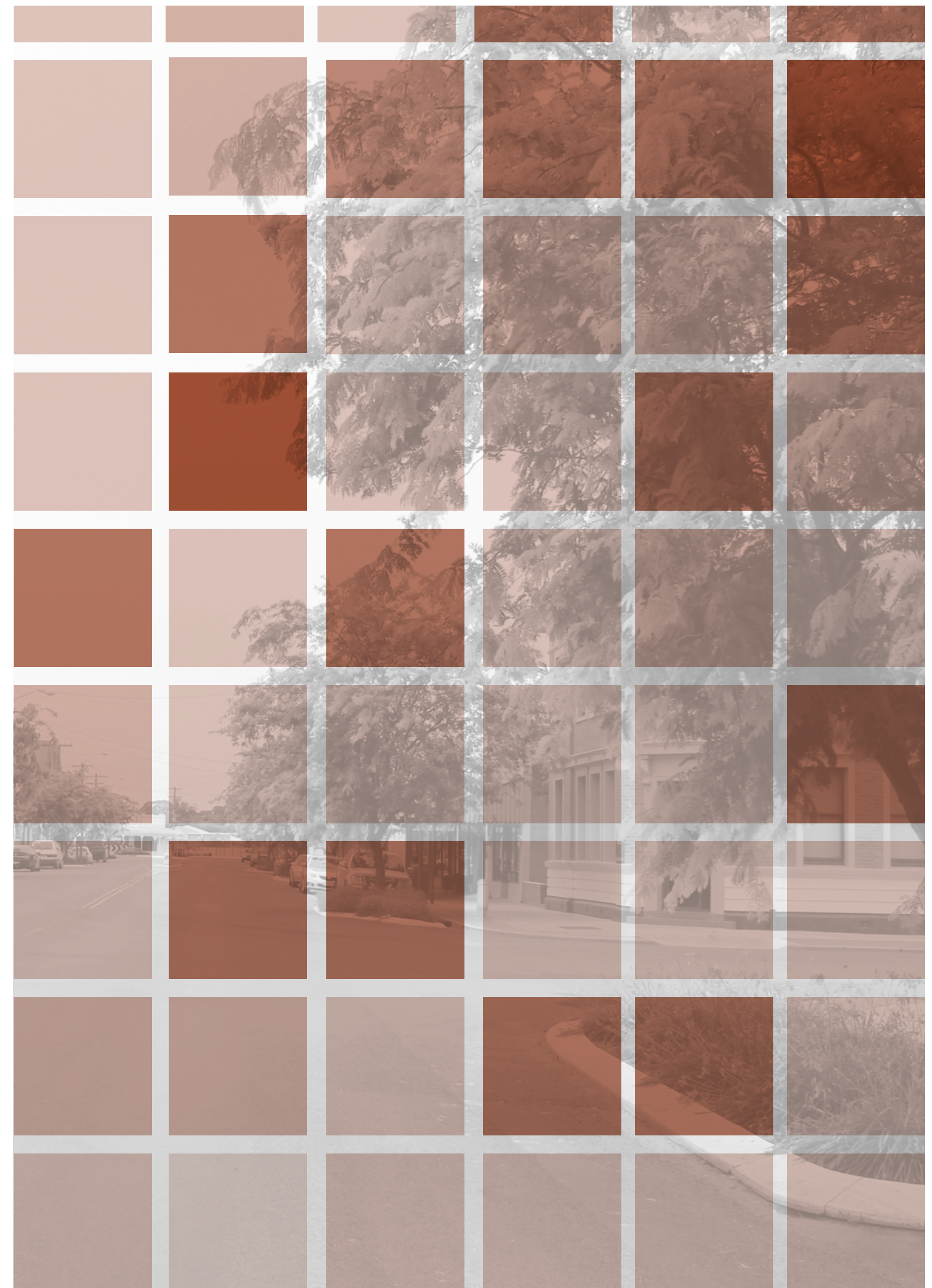
Final Draft February 2018

Appendix Document

for Berrigan Shire Council
Liesl Malan Landscape Architects

The following documents have been provided in electronic format in the Appendix accompanying the Berrigan Town Concept Plan Report

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What do you value about Berrigan?

Survey Results

An online survey was created to help position the five prioritised projects. An advertising campaign was undertaken including handing out flyers at the first community event and other community events, copies available at council offices and Facebook posts. Paper copies were also made available to the community. Despite the advertising there were only 13 responses to the survey. The results have been included here for completeness, however the results cannot be considered to represent the whole community.

Who Responded?

Gender

Male	.....	4
Female	.....	9

Age Group

0-18	.....	1
18-25	.....	2
25-40	.....	2
40-60	.....	3
60+	.....	5

Current employment status

Employed	.....	9
Not Employed	.....	0
Retired	.....	4
Other	.....	0

Employment industry

Health	
Retail	
Retired Farmer - now volunteer	
Accommodation	
Finance	
Hospitality	

How close do you live to the Berrigan post office?

Less than 1km	.....	11
Less than 5kms	.....	0
Between 5 and 100kms	.....	2
Over 100kms	.....	0

How long have you lived in Berrigan?

1-5 years	.....	3
5-10 years	.....	2
10-20 year	.....	4
Over 20 years	.....	4

LM:LA

Berrigan Facilities

Berrigan has:

Primary School
Library
Mens Shed
Cricket Club
Supermarket
Doctor
AFL Team
Hall/Community Building
Oval
Swimming pool
Kindergarten
Golf course

Wish Berrigan had:

Community house
Gallery

Sad If Berrigan Lost:

Primary School
Library
Supermarket
Doctor
Swimming pool

Berrigan Values

Natural Environment

I value the Natural Environment in Berrigan

Strongly agree	.....	5
Agree	.....	3
Neither disagree or agree	.....	2
Disagree	.....	0
Strongly disagree	.....	0

The Natural Environment in Berrigan is in a healthy state

Strongly agree	.....	1
Agree	.....	7
Neither disagree or agree	.....	2
Disagree	.....	0
Strongly disagree	.....	0

Apex park could do with a makeover

It's a bit patchy & in some places ugly (trees massacred by the powerline authority)

Local Business

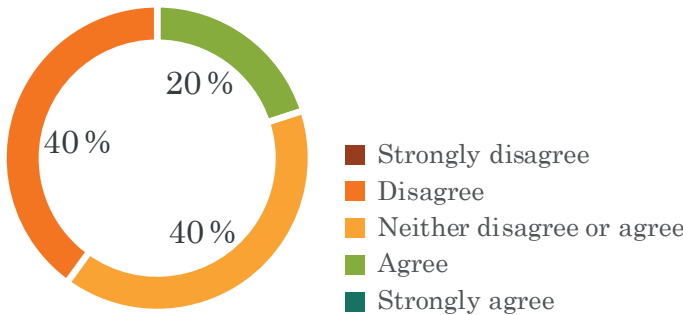
I value Local Businesses in Berrigan

Strongly agree	.....	5
Agree	.....	4
Neither disagree or agree	.....	0
Disagree	.....	0
Strongly disagree	.....	1

Local Business in Berrigan is in a healthy state

Strongly agree	.....	0
Agree	.....	2
Neither disagree or agree	.....	4
Disagree	.....	4
Strongly disagree	.....	0

Local Business in Berrigan is in a healthy state



Decline in agricultural production has enormous flow on to local business and employment
For a small community we have some diversity - it's a pity when people go out of town to shop (they take all of their business else then)

As a retailer, I think some business are struggling - most locals shop out of town for a lot of things and there is not much to attract tourists.. They mainly are staying on the river although more are just doing day trips - need more info at toc/ barooga about rest of shire.

Too many shopping out of town even buying items available in town. Hardware store has shut, Plant shop about to close.

People shop out of town which is detrimental. Gov't buyback of water is destroying our communities, the future of towns and young people.

Berrigan relies on its agricultural community. With a diminishing farming community the town is struggling to sustain itself and its businesses.

Agriculture

I value the Agricultural industry in Berrigan

Strongly agree	.....	5
Agree	.....	4
Neither disagree or agree	.....	0
Disagree	.....	0
Storngly disagree	.....	0

The Agricultural industry in Berrigan is in a healthy state

Strongly agree	.....	1
Agree	.....	4
Neither disagree or agree	.....	2
Disagree	.....	3
Strongly disagree	.....	0

It's has diminished largely over the last 20 years
horrific decline in food bowl production due to insecure irrigation water

Gov't buyback of irrigation water is decimating farmers and therefore our town. Youth are now no longer staying on farm.

Too many of our youth leaving and not continuing into agriculture. Pressures brought on by the Gov't buyback of water are immense.

Community

I value the Community in Berrigan

Strongly agree	.....	6
Agree	.....	3
Neither disagree or agree	.....	0
Disagree	.....	0
Storngly disagree	.....	0

The Berrigan Community is in a healthy state

Strongly agree	.....	2
Agree	.....	4
Neither disagree or agree	.....	3
Disagree	.....	0
Storngly disagree	.....	0

The Berrigan football club plays a major role in the town. I think more people need to be encouraged to get involved.

very strong sense of community but we are aging and missing younger people due to lack of employment

Aging community and very few to continue the volunteering roles to keep the community thriving.

I think the older part of the community does a lot of the volunteering and I think there are possibly too many groups doing too many things. I personally think one group doing all the fundraising for all the community groups and allocating funds to each group based on participation would be better however that would be nearly impossible to get all the groups to agree to that.

A strong but aging community.

Services
I value the Services in Berrigan
Strongly agree 3
Agree 5
Neither disagree or agree 2
Disagree 0
Storngly disagree 0

Services in Berrigan are in a healthy state
Strongly agree 2
Agree 2
Neither disagree or agree 5
Disagree 1
Strongly disagree 0

As a small town obviously we do not have the facilities that larger towns have, but they are within reach. Except maybe for the elderly, hard for them to reach good health care when there health fails

We are the forgotten part of the state - border areas are neither NSW or VIC

A wonderful multi purpose, aged care home and independent living units are our privilege due to prior community efforts. It is our major employer in town.

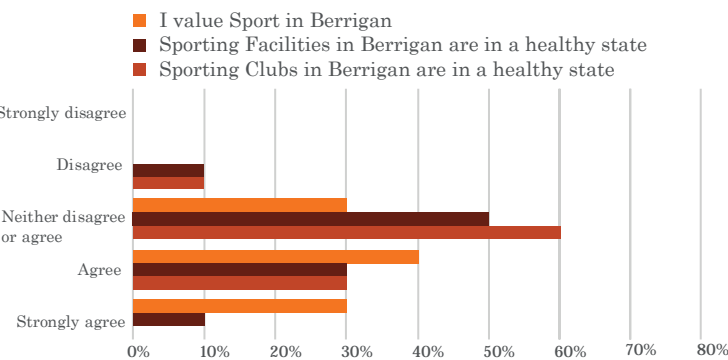
We have an excellent Multi Purpose facility and aged care home and stand alone independent living units Complex.

The Rural Fire Service were great the other day when they came to put out a small accidental fire that we had at out block, they are important, As is the ambulance service and the police. Its great we have a hospital.

Sport
I value sport in Berrigan
Strongly agree 3
Agree 4
Neither disagree or agree 3
Disagree 0
Strongly disagree 0

Sporting Clubs in Berrigan are in a healthy state
Strongly agree 0
Agree 3
Neither disagree or agree 6
Disagree 1
Storngly disagree 0

Sporting Facilities in Berrigan are in a healthy state
Strongly agree 1
Agree 3
Neither disagree or agree 5
Disagree 1
Strongly disagree 0



The football club is the largest and major sporting community for all ages within Berrigan.

Golf and bowls in crisis. Others surviving

Very little interest

Horse racing, weekly football AFL, netball, cricket, lawn bowls, night tennis. These are all suffering due to lack of numbers. Our population is less than 100 years ago.

Horse racing, Netball, Football, Golf. Tennis, Cricket, Lawn Bowls are all valued but waning due to lack of population which is similar or less than 100 yrs ago.

I don't play sport and apart from going swimming I don't use any of the sporting facilities. I think it's a pity that they are spread out through town, that there is not just one sporting centre where you can play tennis, squash, golf, bowls, footy, netball etc. I have lived here for 14 years and still do not know if you have to join a club to play tennis at the tennis courts. I thought that there was trouble with the bowl/golf club as the Barooga sports Club no longer wanted to run it or something. Not sure.

Arts & Culture
I value Arts & Culture in Berrigan
Strongly agree 3
Agree 3
Neither disagree or agree 4
Disagree 1
Strongly disagree 0

Arts & Culture in Berrigan is in a healthy state
Strongly agree 0
Agree 1
Neither disagree or agree 7
Disagree 2
Storngly disagree 0

There is not much culture in Berrigan. It is relatively isolated from the majority of culture in the world, creating a lack of understanding and tolerance of others

If you are interested there is stuff to join in with

Some individual people here are very talented but no major displays occur.small events are not well patronised either. Annual Agricultural Show is struggling also due to aging volunteers and lack of patronage.

While we have our mosaics, there is no real gallery to display arts and crafts. As a business owner, I would like to look into having some sort of gallery area in my shop in the future as I think that would enhance my own business. However that would have to be something that I would look in to in about 6 months.

- Berrigan's Values**
- 1. Community
 - 2. Local Business
 - 3. Agriculture
 - 4. Natural Environment
 - 5. Services
 - 6. Sport
 - 7. Arts & Culture

- Berrigan's Healthiest Sectors**
- 1. Community
 - 2. Services
 - 3. Natural Environment
 - 4. Agriculture
 - 5. Sport
 - 6. Local Business
 - 7. Arts & Culture

What would improve the Berrigan town entry?

More community events, involving families and the elderly. I think a better sense of pride in the community needs to be developed. The drought left a huge whole in the town, people look down on it and talk negatively about it when in reality it has a lot to offer people. It is a friendly, loving place that needs to be made aware to the wider community. People only ever gossip about the bad things, not the good

Extend Finley Rd entry to channel bridge giving a larger area to display ‘WELCOME’ rather than hidden due to large drains both sides of highway. Rail walking track could be extended from Drummond to town entry point.

Get rid of the peppercorns for an avenue of nicer (native) trees

Neat and tidy signs displaing historical beginnings of Berrigan with further information on display in town main shopping area or info area at park.

Themes of Historical events in Berrigan. There should also be expanded information on these events on display in town centre ... good for Tourism

Get rid of the peppercorn trees in jerilderie st ASAP

One nice simple sign at each entry and all the community group signs etc taken away to the (new) tourist stop at the park near the swimming pool where you could get out, go to the loo, stretch your legs, look at some interesting street /rural art and mosaics, local business advertising, local history on an interesting display etc.

Bigger and better signage. Relax in our laid back friendly farming town with old fashion hospitality.

Tell us what you would love to see in Berrigan

More people getting involved in community activities

With Berrigan’s historic involvement with Federation, Bush Fire Brigade etc I would like a mural on town water tower recognising some of our history. We have a long history with horse racing and australian champions being bred in Berrigan - a large horse shoe could be placed at wayside rest (caravan park)

Centralise more facilities & recycle unused (or under utilised) facilities into more productive facilities - make the area as age-friendly & kid friendly as possible

A better “home” for the Heritage Museum to allow better displays and storage and to be open longer than 2 hrs a week but it is run on volunteer labour.

A much better facility for Heritage Museum so as to display and store information the town has. Indoor heated pool for aging population.

The community of Berrigan needs a place for the trucks to park to unhitch their trailers, it needs to be a safe place with proper lighting in a hard surface so as the trailers don’t sink when standing alone, a shower block also for the drivers to refresh themselves before having a sleep. The drivers need somewhere to rest. Without our transport industry Australia will not move forward as the rail network lets us down. I feel that some of the businesses need revitalising - whether that be by new people taking over the businesses or just giving some of the buildings a face lift to pretty the townscape up - personally, I like a mix of the old and the modern however I think that

some of the facades of the buildings are a bit ugly and I think that having a consultant give people ideas about how to do that and where to find funding for that would be great.

Some sort of water (channel) park.

Subway so people don’t have to travel out of town for fast acting food.



LM-LA



<http://profile.id.com.au/berrigan/population?WebID=110>

What do you value about Berrigan?

Survey results - 20/02/17

What do you value most in Berrigan?

1. Community
3. Local Business
3. Agriculture
4. Natural Environment
5. Services
6. Sport
7. Arts & Culture

What do you think is the healthiest in Berrigan?

1. Community
2. Services
3. Natural Environment
4. Agriculture
5. Sport
6. Local Business
7. Arts & Culture

What would you be sad if you lost in Berrigan?

Primary School
Supermarket
Swimming pool

Library
Doctor

Legend:

- Residential use
- Commercial use
- Community use
- Recreation use

- Existing road
- Existing paths
- Existing track
- Dangerous intersection
- Area of note

LMLA

Draft

Project:

Berrigan Town Concept Plan

Project number:

1702

Sheet name:

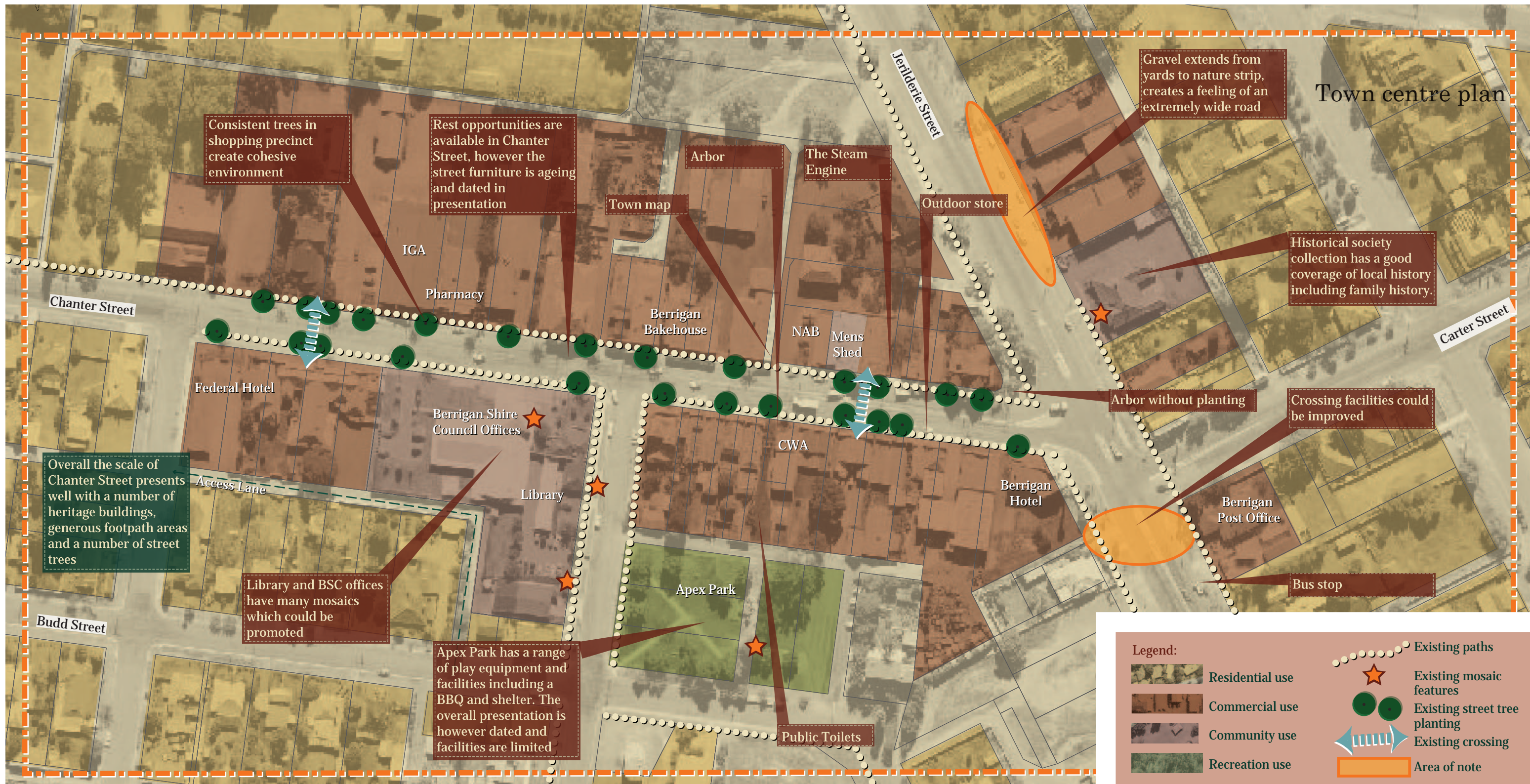
Berrigan Analysis & Investigation Plan

Scale: 1: 10,000 @ A3

Date: 08/03/17



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LMLA *Draft*

Project: Berrigan Town Concept Plan
Project number: 1702
Sheet name: Town Centre Analysis & Investigation Plan
Scale: 1: 1,500@ A3
Date: 08/03/17

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W N E S

Welcome to our town - Appendix

Town Entry Signage Progression

Option A

Presented at Community Meeting at Apex Park - 15/03/2017



LMLA Pretty Pine entry sign with mild steel cap to concrete plinth



Media on Mars sign with concrete plinth with form work embedded



Reed/grass pattern in laser cut steel



Wheat crop in head



Wheat heads

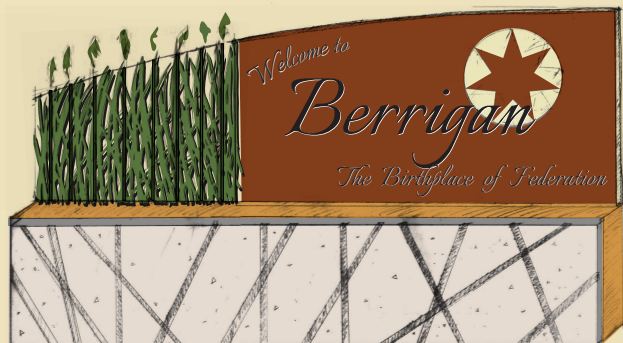
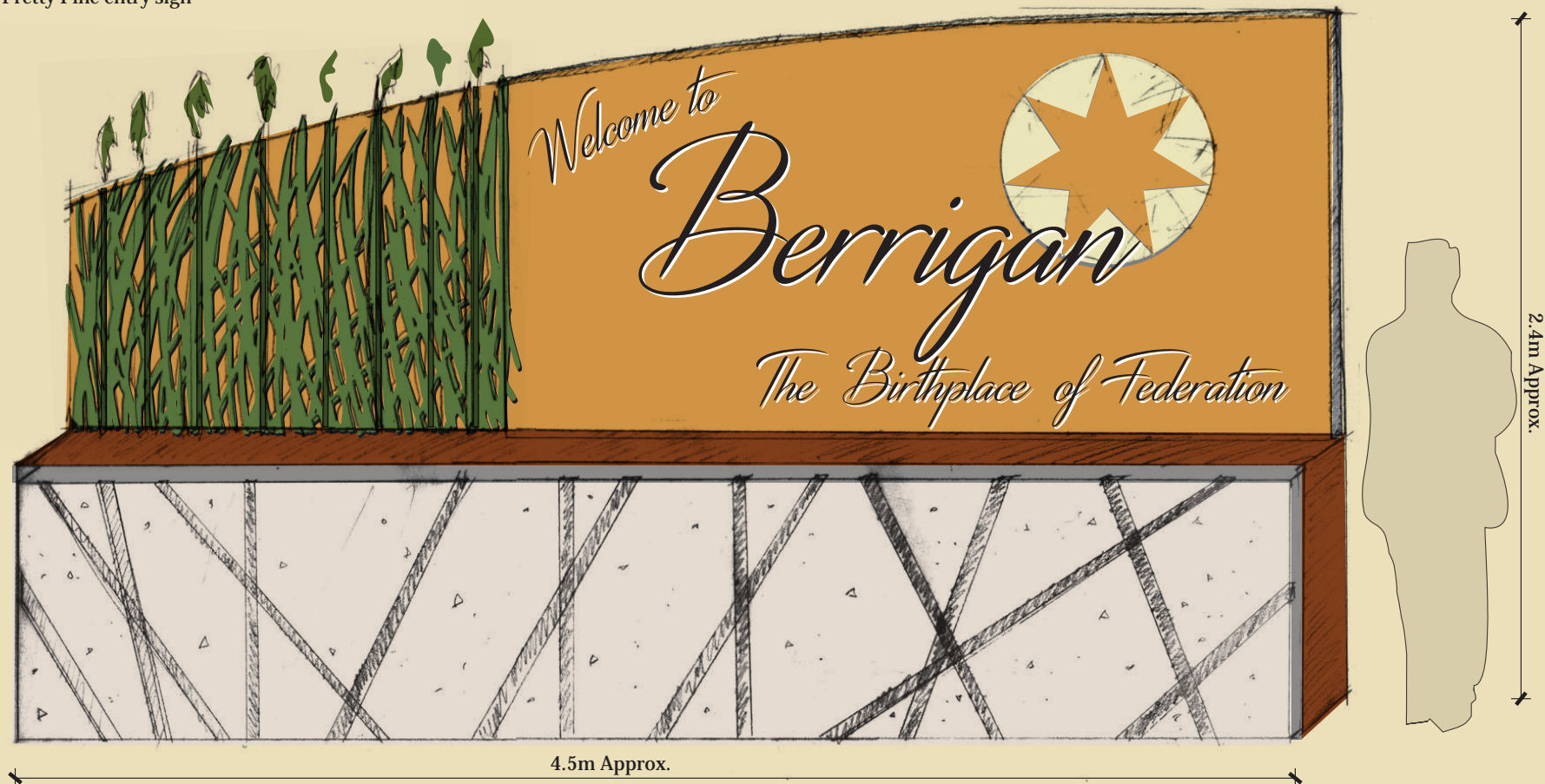


LMLA Pretty Pine entry sign

Option A: Materials include custom formed concrete wall/plinth with mild steel cap, laser cut back panels with federation star feature. Laser cut crop 'lace' with two-pack paint finish, Supports on outside to create seed head feature. Lettering laser cut and finished in two-pack paint with reflective drop shadow.



Federation star



Alternative design option 1:50

LMLA

Draft

Project:
Project number:
Sheet name:
Scale: 1:20@ A3

Berrigan Town Concept Plan 1702
Town Entry Signage Option A
Date: 08/03/17



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LMLA Booroorban entry sign with laser cut mild steel and layered two-pack paint panels



LMLA Booroorban entry sign laser cut mild steel



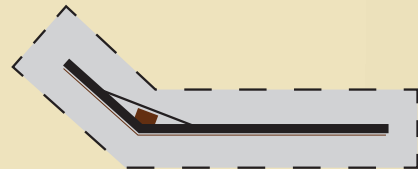
Current Berrigan entry sign incorporating galah and Berrigan Shire Council logo



LMLA Wanganella Entry sign. Panels angled to maximise visibility from road



Laser cut mild steel



Plan view 1:20



Galah in flight



Laser cut steel



Wheat heads (some years are better than others...)



Option B: Materials include seam welded 2 sided steel with laser cut shapes. Mild steel and layered two-pack finished panels fixed to front with orange wavy line. Seed heads and grass lace cereal forms cut out and overlaid. Steel galah form fixed over cut out hole. Lettering laser cut and finished in reflective paint. Smaller sign option (shown to the right) with only one side supported by universal beam and timber post.



East entry



West entry



East & West entry smaller version of sign 1:20

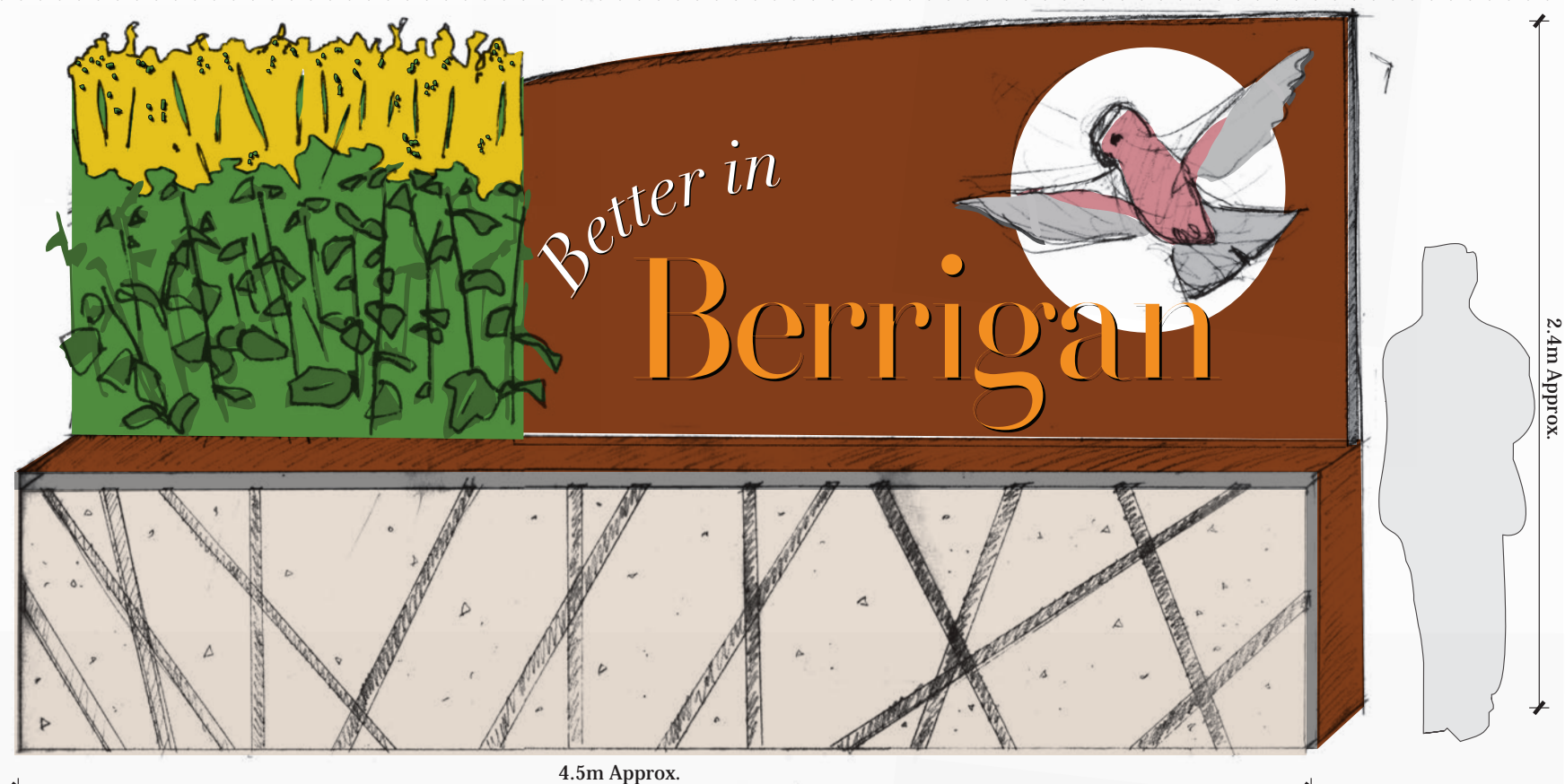
LMLA

Draft

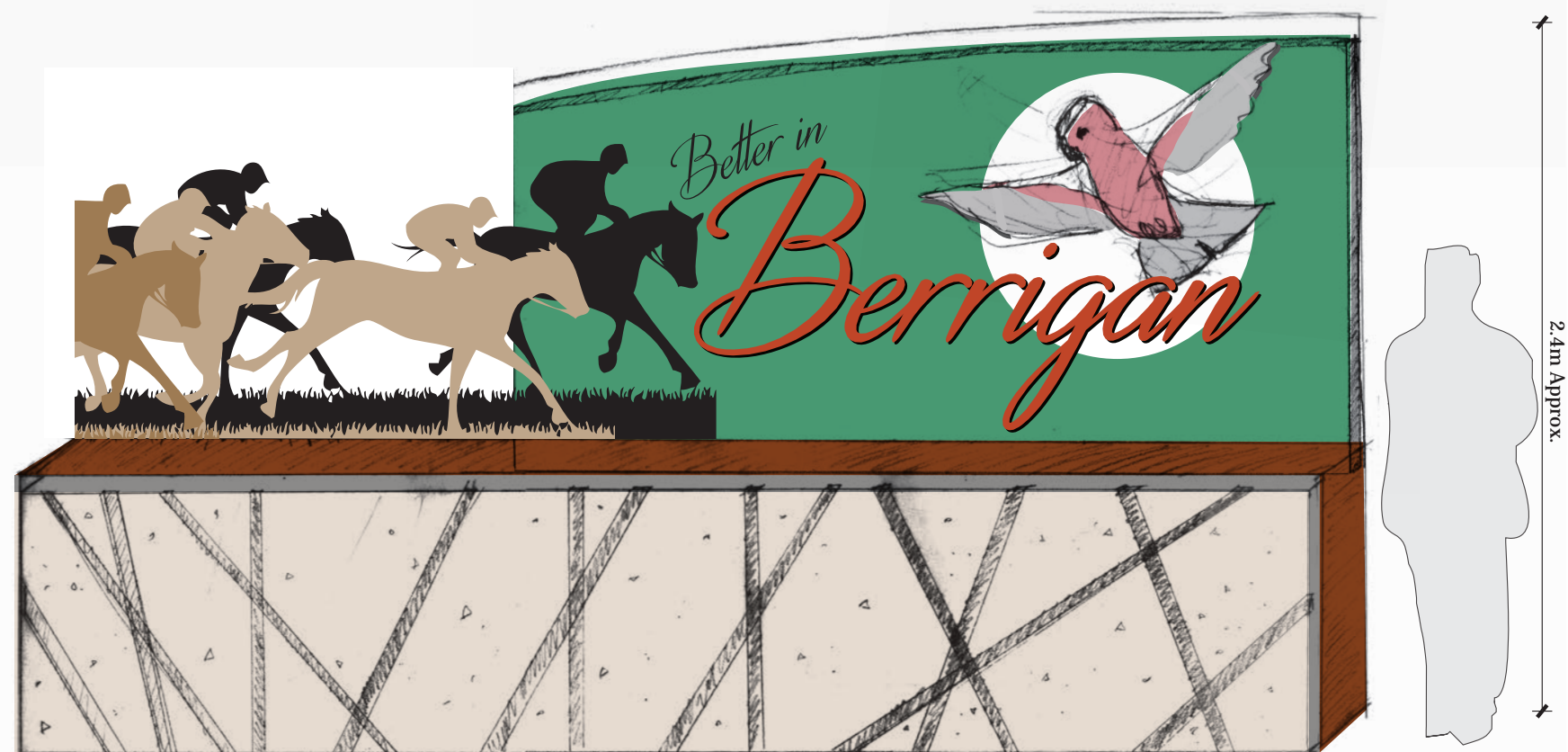
Project: Berrigan Town Concept Plan
Project number: 1702
Sheet name: Town Entry Signage Option B
Scale: 1: 15 @ A3
Date: 08/03/17



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Northern Entry - With Canola Theme



Southern Entry - With Racecourse Theme

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Project: Berrigan Town Concept Plan
Project number: 1702
Sheet name: Town Entry Signage Preferred Concept
Scale: 1:20@ A3 Date: 31/05/17



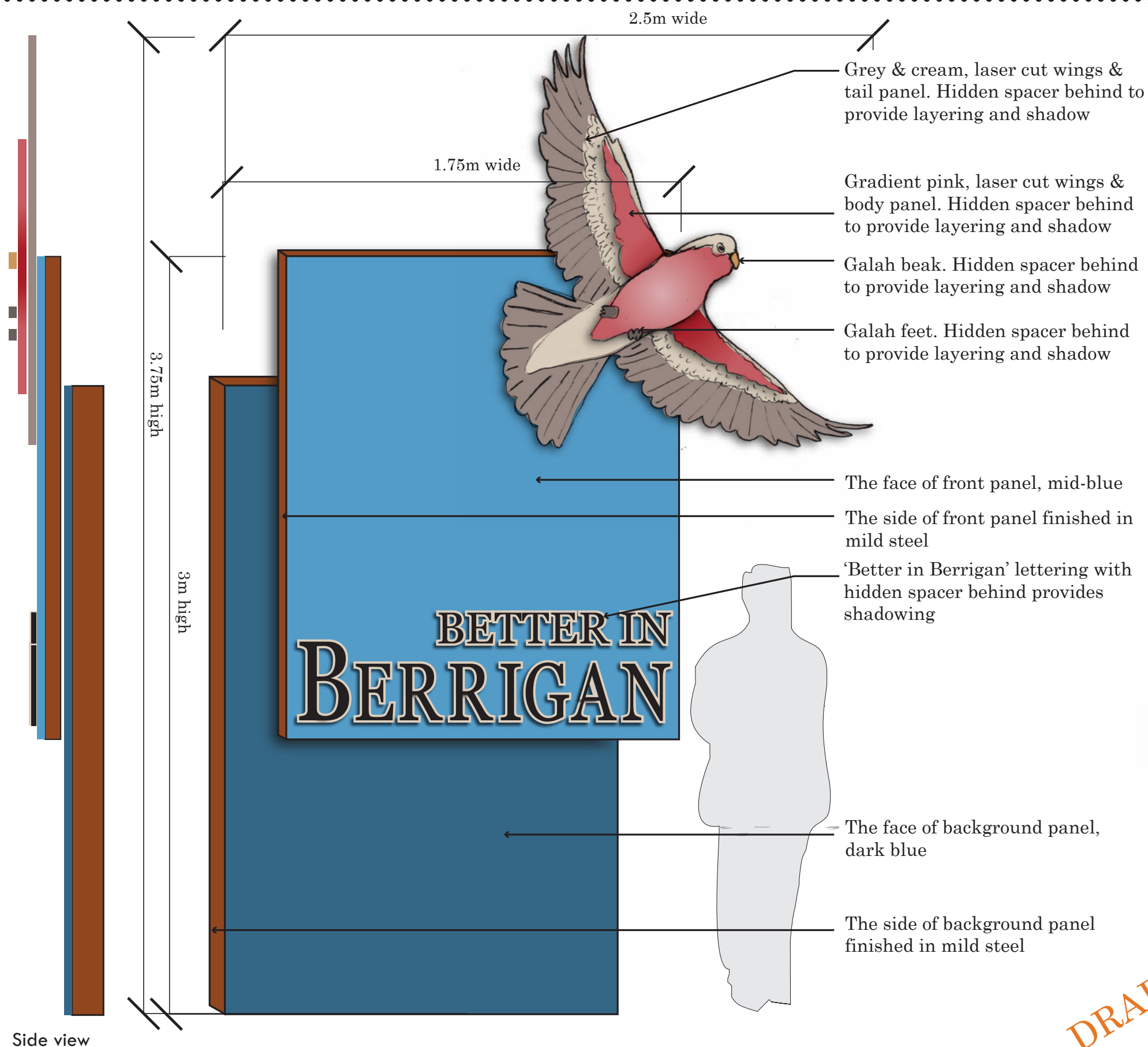
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Option A Development with Better in Berrigan Brand

Town Entry Signage Progression cont.

Presented at Committee Meeting - 13/06/2017





Berrigan Town Entry Sign

Concept Option A

Design notes:

This sign is based on community feedback from meeting on the 5th of July for a more galah, retaining the Better in Berrigan Brand. This design allows for the galah to be mirrored to always be flying towards Berrigan town centre

Materials Key

- B** 'Better in Berrigan' black lettering with a reflective, white outline
- Steel background panel with hidden sub frame to support sign structure. Front face with dark blue 2 Pak paint finish. Side edges in mild steel with rust patina
- Steel front panel with hidden sub frame to support sign structure. Front face with mid-blue 2 Pak paint finish. Side edges in mild steel with rust patina
- Galah wings & tail panel, 2 Pak paint finish in cream & grey, laser cut feather and eye details .
- Galah wings & body panel, laser cut steel with 2 Pak paint finish in pink gradient
- Galah beak, laser cut steel 2 Pak paint finish in light yellow
- Galah feet, laser cut steel 2 Pak paint finish in dark grey

DRAFT



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Berrigan Town Entry Sign

Concept Option B

Design notes:

This theme celebrates the Racecourse and the Berrigan Races while also promoting the Better in Berrigan brand



Galah, made of 4 components:

- Grey & cream wings & tail panel
- Pink gradient wings & body,
- Light yellow beak
- Dark grey feet

Hidden spacer between components to provide layering and shadow

'Better in' lettering with hidden spacer behind provides shadowing

'Berrigan' lettering with hidden spacer behind provides shadowing

Panel face painted with blue gradient and yellow circle

4.5m

Horse race components, hidden spacers between panels provides shadowing and depth between racers

Mild steel floating edge to top and sides of concrete plinth

Concrete plinth with indented pattern

2.4m

Materials Key



'Berrigan' lettering in black with white reflective drop shadow to enhance night time view



Steel panel with hidden sub frame to support sign structure. Front face with 2 Pak paint finish with blue gradient (similar to the Fin ley Sign sky) and yellow sun/circle



'Better in' lettering in black with white reflective drop shadow to enhance night time view



Mild steel edge with rust patina



Concrete base plinth with white indented form work lines



Laser cut steel race horse with 2 Pak paint finish in black



Laser cut steel race horse with 2 Pak paint finish in light brown



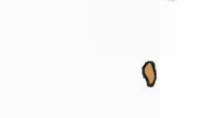
Laser cut steel race horse with 2 Pak paint finish in mid-brown



Galah wings & tail panel, 2 Pak paint finish in cream & grey, laser cut feather and eye details



Galah winds & body panel, laser cut steel with 2 Pak paint finish in pink gradient



Galah beak, laser cut steel 2 Pak paint finish in light yellow



Galah feet, laser cut steel 2 Pak paint finish in dark grey

Berrigan Town Entry Sign
Concept Option C

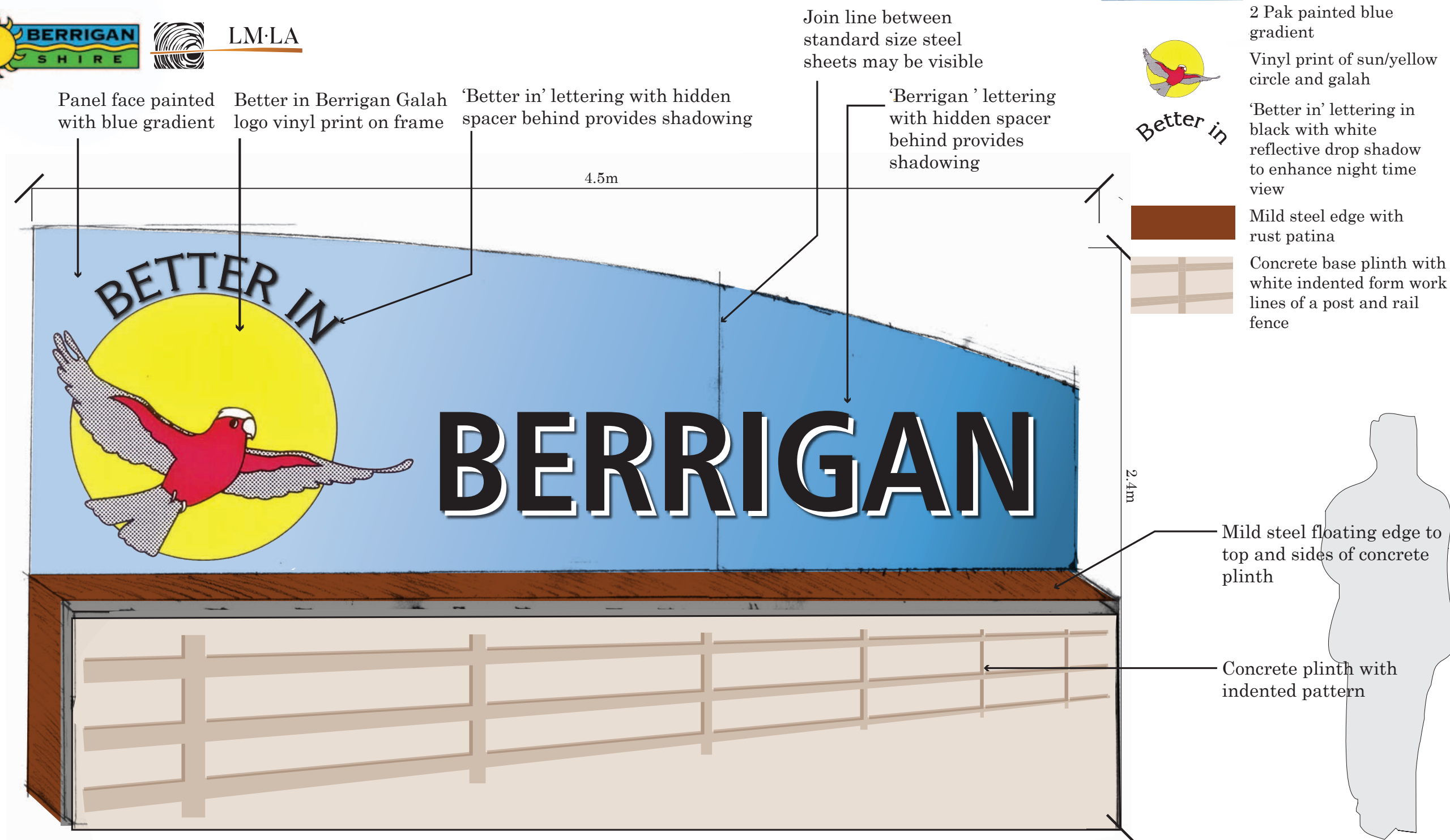
Design notes:

This theme is based on feedback from the subcommittee meeting on the 24th of October. It features the current Better in Berrigan logo and mascot



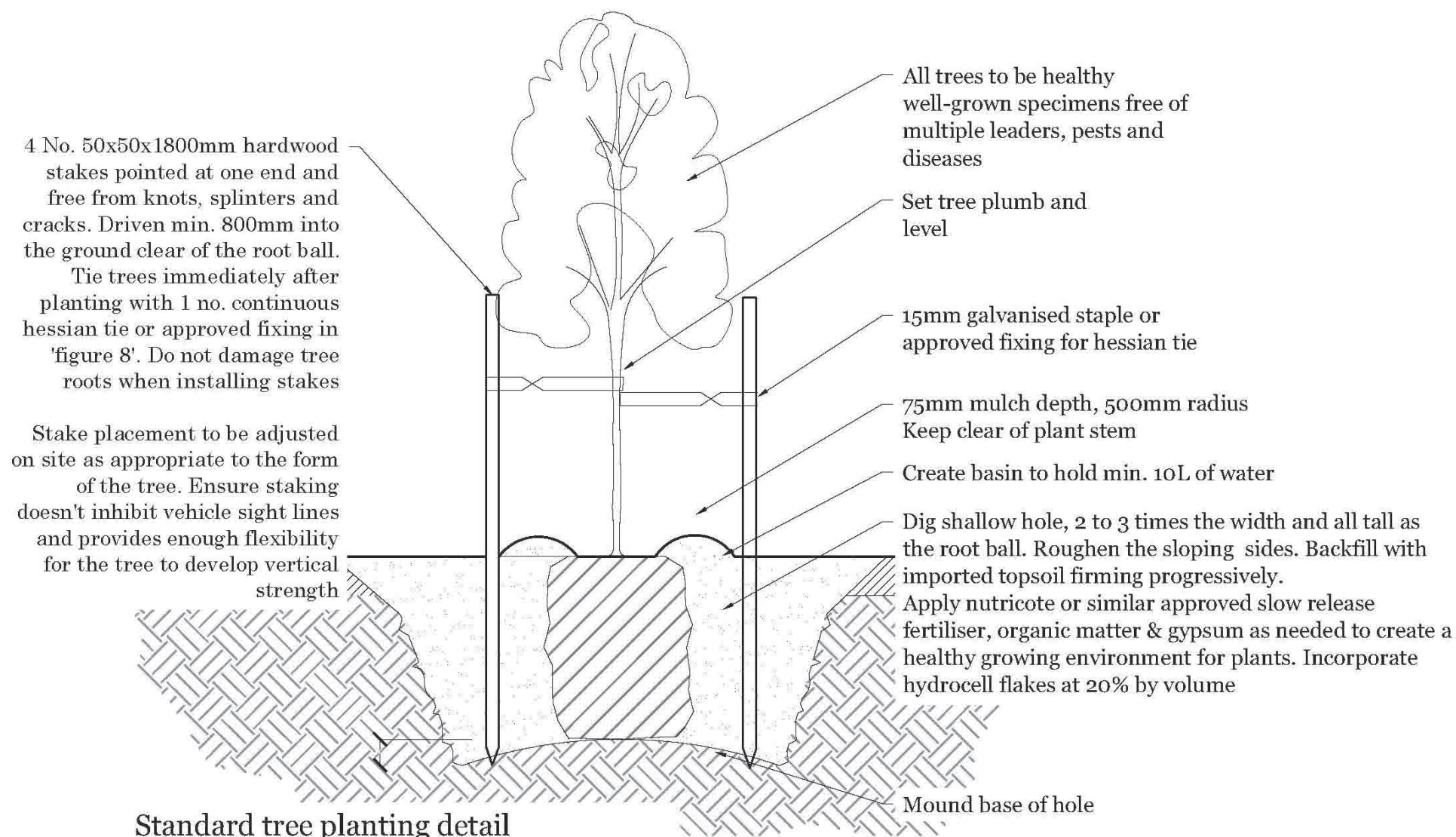
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Be Remembered for your Trees - Appendix

Tree Planting



Standard tree planting detail

Scale 1:20

Tree Planting Note:

Trees shown in indicative locations only
Ensure trees are planted no closer than;

- 3 metres to driveways
- 4 metres to light poles
- 2 metres to a services pit
- 2 metres from service conduit crossing points
- 3 metres to a fire plug
- 2 metres to a domestic service tapping point
- 9 metres from intersections (building lines)
- 2 metres from stormwater outlet points

Nature strip trees are not to be placed directly above services or below powerlines.

Proposed

- tree guards with sufficient room for tree to grow and develop / a minimum of 2 sturdy stakes with hessian ties in a figure eight to allow trunk structure to develop
- remove tree guards / stakes once trees have established
- mulch well to the base of each tree, top up regularly and keep clear of trunks reduce moisture loss, weeds and potential whipper snipper / mower damage
- deep water at regular intervals during establishment period, particularly during hot summer months to promote good form and consistent, steady growth
- undertake formative pruning to create clear trunked tree and maintain good sightlines

Maintenance notes

Soil preparation

A healthy growing environment for plants is defined as; an amended existing topsoil that contains 4-8% organic matter; is capable of sustaining vigorous plant growth; contains a typical clay content of 10-30% by mass; complies generally with the typical uses of AS 4419 (2003); is free from unwanted matter such as:

- Stones, rock and pebbles greater than 10mm measured by longest dimension
- Hard clods or objects greater than 15mm dimension
- Roots with a section diameter exceeding 10mm or a length exceeding 100mm
- Sticks and rubbish
- Material toxic to plants
- Materials that may pose a danger to human health (e.g. glass, hard plastic)

Establishment period (first three years)

- Take care not to damage trees during planting
- Do not stake through the rootball
- Assuming an autumn - early winter planting, provide sufficient water to support the new trees during the winter period
- Establishment of the new trees during the spring period for the first three (3) years will be critical to ensure healthy root development. Provide 200Lt of water (at each watering) twice (2) a week during hot spring periods or once a week during normal spring temperatures
- Over the summer period water new trees approximately once every ten (10) days to sustain healthy establishment for the first three (3) years
- Water on top of the rootball
- Continue formative pruning of trees as needed to maintain a clear trunk with good branch structure
- Continue formative pruning of understorey species to create hedge form and maintain below maximum height noted on plan

Maintenance (after three years)

- Water less frequently after establishment period. All watering and irrigation is to be carried out in strict accordance with current Water Restrictions. Trees and garden bed areas are to be watered only enough to sustain continuous healthy growth
- Continue pruning of trees as needed to maintain a clear trunk with good branch structure
- Prune understorey species to maintain below maximum height noted on plans
- Replace any dead, damaged or missing plants as needed
- Top up any soil subsidence or erosion which may occur. Protect planted areas from casual pedestrian traffic and repair any damage which may occur as needed
- All mulched surfaces shall be kept in a clean and tidy condition and be reinstated or topped up as necessary
- Maintenance works include, but are not limited to; watering, fertilising, aerating, weeding, pest and disease control, staking, replacement of plant materials, replanting, pruning, re-oiling of timber components and keeping the site neat and tidy.

Links to Further Information and Documents

Street Trees

202020 Vision

<http://202020vision.com.au/media/41955/202020visionplan.pdf>

Cooling Guide Targets a Long Hot Summer

<http://citygreen.com/wp-content/uploads/2017/09/cooling-guide-targets-a-long-hot-summer-ebook-1.pdf>

Urban Forest Strategy – Melbourne City Council

<http://www.melbourne.vic.gov.au/sitecollectiondocuments/urban-forest-strategy.pdf>

Protecting human health and safety during severe and extreme heat events

<https://www.pwc.com.au/industry/government/assets/extreme-heat-events-nov11.pdf>

Better Walking in Berrigan - Appendix

Links to Further Information and Documents

Good Access-Good Business-Infographic – Melbourne City Council

<http://www.melbourne.vic.gov.au/sitecollectiondocuments/good-access-good-business-infograph.pdf>

Good for Business - Walking & Cycling Friendly Streets

<https://www.heartfoundation.org.au/images/uploads/publications/Good-for-business.pdf>

Kingston - Good Access is Good Business Factsheet

<http://www.kingston.vic.gov.au/Services/Disability/Good-Access-Good-Business>

How shopping centres are changing to fight online shopping

<http://www.abc.net.au/news/2017-09-05/how-shopping-centres-are-changing-to-fight-online-shopping/8875058>

Launceston Way-finding Signage

<https://www.launceston.tas.gov.au/Business-and-Development/Major-Projects#Launceston-City-Heart-Project-2>

Aged Care

<http://www.australianageingagenda.com.au/2014/07/30/dutch-model-offers-alternative-approach-home-care/>

<http://www.gizmodo.com.au/2014/02/inside-an-amazing-village-designed-just-for-people-with-dementia/>

<http://www.abc.net.au/radionational/programs/lifematters/building-for-the-third-age/6625886>

<http://www.upmoments.com/man-asks-an-old-lady-why-shes-alone-on-cruise/>

<https://www.seniorsonline.vic.gov.au/get-involved/grants/improving-liveability-for-older-people>

Parks for People - Appendix

Links to Further Information and Documents

General

Risky Business

<https://www.playaustralia.org.au/risky-business-emily-ditchburn>

Beyond Blue to Green : The Benefits of contact with nature for mental health and well-being

<https://das.bluestaronline.com.au/api/prism/document?token=BL/0817>

Hayes Park

Australian Natural Heritage Charter

<http://www.environment.gov.au/system/files/resources/56de3d0a-7301-47e2-8c7c-9e064627a1ae/files/australian-natural-heritage-charter.pdf>

Interpretation

Samm Ham - Thematic Interpretation

Tasmanian Thematic Interpretation Planning Manual



1

WiFi

Teens asked for “a study space with shelter from rain and tables to work in groups. WiFi is a critical aspect of this, as well as for accessing music and other media with phones.”



2

Performance

“Teens like the idea of a central performance space that can show a wide range of movies for all ages and interests.”



3

Food trucks and cafes

“Teens want access to affordable and diverse food options, representing a variety of cultures and food interests.”



4

Interactive lighting and art

“Teens are drawn to interactive spaces, whether they be interactive lights or interactive sculptures that allow climbing or play.”



5

Play Spaces for both children and adults

“Many teens want to play, but do not feel free to do so in playgrounds designed with structured equipment for specific ages. Parks that mix play types and include equipment for groups are more effective at enabling teen play.”



Parks for Teens

Study space

“As mentioned for WiFi in parks, teens asked for places where they can hang out and complete school work together outside. These spaces could be simple picnic tables that have some shelter from the elements, a grove of trees with tables and benches,” etc.



6

Nature and green space
“Teens say they enjoy being in nature while spending time with their friends. In this case, nature often serves as a backdrop for other experiences, but is appreciated for its aesthetic and restorative qualities, nonetheless.”



7

Music

Music provides a social platform for teens. Providing a docking station to a speaker creates a destination that allows people to hook up their own phone to a musical system to speakers. Here the teens select music, hang out, and dance. Note it is essential that “time and volume limits are included on these features to respect the neighbourhood’s needs for quiet and darkness at night.”



8

Lighting and safety features
“Teen girls in particular, request lighting and emergency call boxes for safety. This can extend the length of time teens have access to the park and can also provide an enjoyable walk through public spaces instead of going around it during dusk or darkness.”



9

Water features

Teens “request features for water play with younger siblings and friends as well as water fountains for sound and visual interest.”



10

Background research and supporting information

Findings by The City of Boulder’s (Colorado USA) Parks and Recreation department and Youth Opportunities Advisory Board
Quotes from <http://www.childinthecity.eu/2015/12/02/parks-for-teens-10-features-teens-want-to-see/> “Child in the city - Parks for teens.”

Berrigan Town Concept Plan

February 2018

for Berrigan Shire Council
Liesl Malan Landscape Architects

Acknowledgement of Country

We acknowledge the Elders both past, present and future and the peoples of the Wiradjuri Aboriginal people whose traditional lands includes Berrigan

Future projects of the Town Concept Plan provide an opportunity to continue fostering dialogue with the Traditional Owners. Their input would enrich the project outcomes for the whole community.

Acknowledgements

Masterplans are a product of conversations and workshops with many contributing committees and individuals. Particular thanks are due to;

Berrigan Shire Council, with specific mentions to:

- Rowan Perkins
- Fred Exton
- Jo Ruffin
- Laurie Stevens

The Berrigan Community

We would like to thank the three community members who formed the sub committee:

- John Lane
- Mark Ryan
- Christine Marshall

The Project Team

Liesl Malan Landscape Architects were the lead consultants providing strategic direction for the project.

Team members:

- Liesl Malan Registered Landscape Architect
- Claire Reynolds Registered Landscape Architect
- Georgia Carroll Graduate Landscape Architect

Disclaimer

All elements of this project have been prepared with care and diligence. We have endeavoured to understand the challenges and opportunities each town sees for themselves and to use this as the basis of the project process. The suggested outcomes are based on our professional experience as Landscape Architects. They have been provided in good faith and in the spirit of offering support and encouragement. Further Council and community collaboration will be needed to ensure ownership of future project direction and outcomes. All final decisions rest with Berrigan Shire Council and no financial responsibility will be accepted by LMLA. Please note that more detailed investigation, analysis and financial planning will be needed before committing to any works.

Glossary

BSC Berrigan Shire Council
LMLA Liesl Malan Landscape Architects

Note

Outlined text provides hyperlinks to further information. Please use the pdf version to access these links.

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Final Draft February 20181

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Please find Appendix Document separately supplied with this Plan

Better in Berrigan

Rising to regional challenges

Value of the Berrigan Town Concept Plan

The Berrigan Town Concept Plan (The Plan) considers the whole of the Town of Berrigan (refer to diagram). The vision outlined in this report is specific to Berrigan. The individual projects in the Town Concept Plan have been developed with the community and Council to achieve significant, positive environmental, social and economic impact within modest and achievable budgets.

The Plan enhances Berrigan’s features unique history and authentic character.

Berrigan Shire 2027 Community Strategic Plan - “a whole of community response to jobs creation and enterprise to support:

- The attraction and retention of young people and families.
- The provision of social and health services.
- The maintenance and redevelopment of existing facilities and infrastructure.

Sustainable use and the development of our natural resources” (p 9, Berrigan Shire 2027)

Components of the Town Concept Plan

The overall vision of the Town Concept Plan is achieved through the following projects:

Welcome to Our Town - Entry Signage

- Create a stronger sense of town identity
- Foster community pride in the town

Be Remembered for your Trees - Street Tree Planting

- Create a more cohesive streetscape character
- Ongoing succession planting program
- Create shaded pathways
- Enhance town presentation and appeal

Better Walking in Berrigan

- Encourage and facilitate walking
- Improve visibility and safety at dangerous intersections
- Enhance the experience of walking around the town by telling some of the local stories

Parks for People

- Upgrade existing facilities
- Provide a space for community events
- Develop an area for tourists to stop and experience Berrigan

Rest in Berrigan

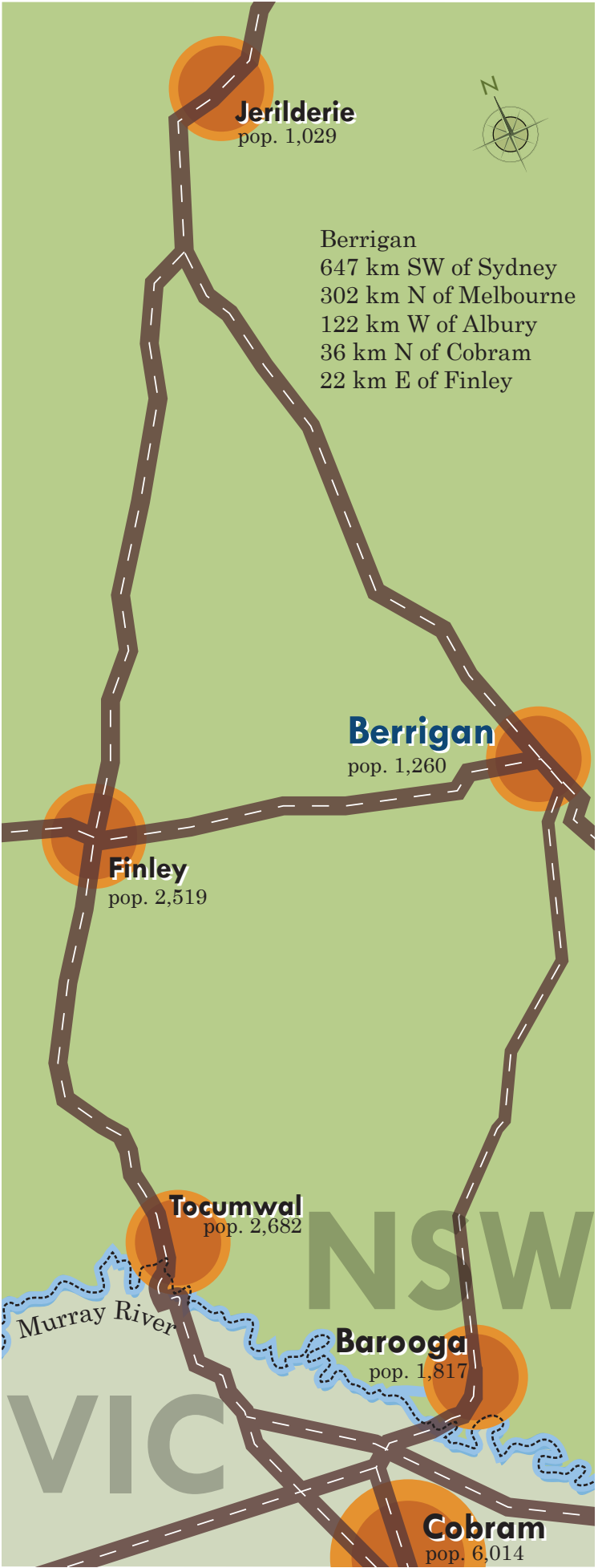
- Welcome trucks
- Improve safety on roads
- Promote economic growth
- Potential Silos Project to dovetail



How to use this report

The Town Concept Plan has been divided into a series of individual projects. This Report has been written based on the current priorities. Delivering the Town Concept Plan will require flexibility in priorities to be responsive to funding/resourcing opportunities, each project section in the Report can be separated. The sections can be used to;

- form the basis of a brief
- support funding applications
- facilitate discussions with relevant authorities
- coordinate projects internally
- support press releases
- engage and empower community members who wish to contribute to achieving the overall vision for Berrigan



Project regional context diagram

A vision for a thriving town

Berrigan's Future

Authentic Berrigan

Berrigan has a long history of community organisations making significant contributions to Australia, including Berrigan's involvement in Australian Federation. The New South Wales Rural Fire Service was also created in Berrigan. Berrigan had the first Parent's committee in the country. The community is active with many committee's and organisations working for towards improving Berrigan at a grassroots level. Their efforts should be supported and commended. They will be essential in the success of the prioritised projects included in the Plan.

Berrigan is home to the Berrigan Shire Council offices. They are located in Chanter Street the main shopping precinct. There are many historical buildings however shop occupancy is low.

Berrigan has an aged care facility, Amaroo a not-for-profit community run facility. Amaroo is an example of the high quality outcomes the Berrigan community can achieve. Coupled with the Berrigan Hospital, it is of significant value to the town's future.

Embrace Active Ageing and meet the needs of everyone

Growing old in 'the bush' has presented challenges for generations. At the 2016 census, 38.7% of residents of Berrigan (town) were aged over 60. The state average is 21.9%. The plan has stopped short of proposing an aged care town as the trucking route have been identified as a significant limitation. It does, however, embrace active aging and improves facilities for young and old.

Town Vision

Berrigan is a great place for young and old. The town continues to provide services and facilities for both residents of the town and those of the surrounding district. The town entries create a strong sense of arrival and reinforce Berrigan's unique identity and character. Overall the streets of the town present well with extensive tree planting and shaded paths. Berrigan is well known in the region for both its active sport and its art culture. The town walks are well used by both residents and visitors. A series of interpretive signs and artworks provide an insight into the stories and history of the town. Apex Park is well presented and provides a range of facilities to support community events, small gatherings and individual use.





Site photos of Berrigan town, Chanter Street and parks

Why do a Town Concept Plan?

A whole town vision

What triggered this Town Concept Plan?

Berrigan Shire Council committed to undertaking Town Entry Signs for all towns in the Berrigan Shire. Berrigan Shire understands the need to compliment a new Town Entry with a holistic response to the town. Town Concept Plans Tocumwal and Finley began the process in 2014 - 2015. The Tocumwal Foreshore Masterplan was then undertaken in 2015-2016. Berrigan and Barooga Town Concept Plans will complete this commitment.

Town Concept Plan purpose

The Plan provides a foundation for future work. The Plan has develop a long term vision for each town with an integrated strategy which fosters social capital and builds new energy.

The Plan was to identify five prioritised projects. BSC nominated Town Entries and Street Trees to be included in the five projects

Holistic response

The Berrigan Community is energetically involved in groups, associations and committees. These volunteer organisations are creating many individual projects.

The Plan aims to provide a holistic response to Berrigan and allows these smaller community projects to link in with a whole of town vision.

Previous Reports, Plans and Strategies

Berrigan Pedestrian Access And Mobility Plan
Des Gunn Landscape Design/ Berrigan Shire Council
Adopted 16th July, 2014

Berrigan Shire 2023
Our Community Strategic Plan

Berrigan Town Plan 2012 – 2016

BSC Children, Young People & Families
Strategy and Action Plan
Adopted 17 June 2015

BSC Tourism Strategy
2014-2018

Draft Berrigan Shire Council
Active Ageing And Disability Inclusion Plan
Disability Inclusion Action Plan
2017 – 2021

Project Process

The following itemises the design process undertaken:

Investigation phase

- existing documents, relevant strategies and policies reviewed
- base plans to assist in consultation created
- online survey created

Community event

- Community BBQ was held at The Berrigan Pool
- Whole town site visits
- Survey advertised

Site Analysis

- Whole town constraints and opportunities plan
- Review Berrigan survey results and community feedback

Preliminary Town Concept Plan

- Five Prioritised projects identified
- Town Entry Option A and B developed

Community Engagement

- small community event in park with additional questions asked in the street
- Public meeting (undertaken by Council team)

Draft Town Concept Plan

- Berrigan whole town plan, 5 prioritised projects

Presentation

- Councillor presentation
- Community representative meeting

Berrigan Town Entry Sign Option C

- Councillor presentation (undertaken by Council team)
-

Report and Action Plan preparation began

Additional Town entry sign designs undertaken

Community postal survey to determine preferred Town entry sign (undertaken by Council team)

Report and Action Plan preparation

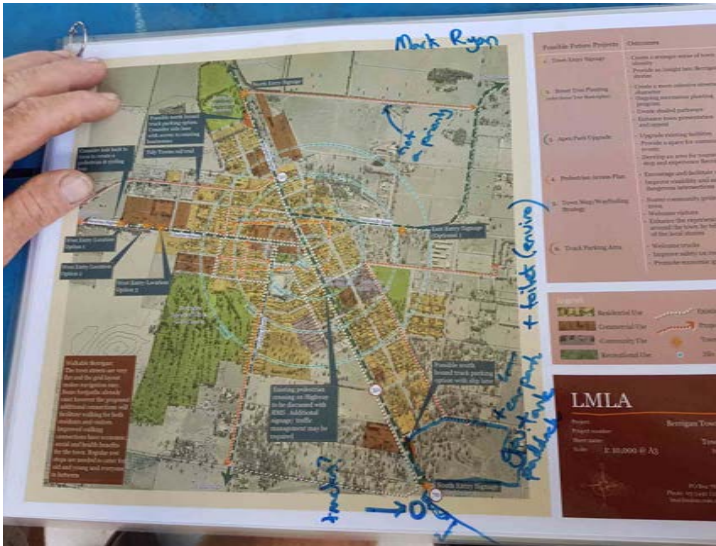
Community involvement

A variety of techniques were used to discuss the project with the community. At public events laminated plans (see image below) were used to discuss the project in detail in small groups.

An online survey was created to help position the five prioritised projects. There was only limited engagement via the survey. For details refer to appendix.

A powerpoint presentation was also used to presentation to the communities appointed representatives.

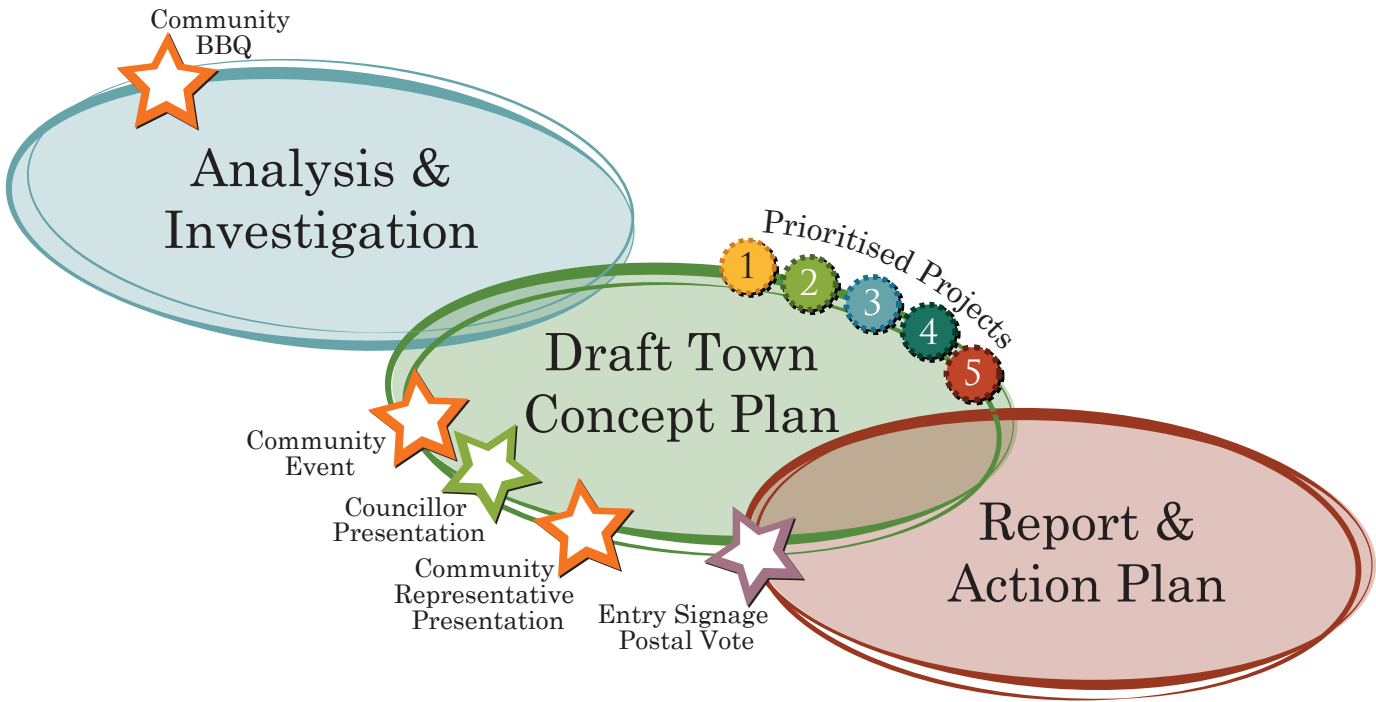
The project documents have been revised, changed and tweaked, after each round on feedback to ensure the plans reflect the community's vision for their town's future.

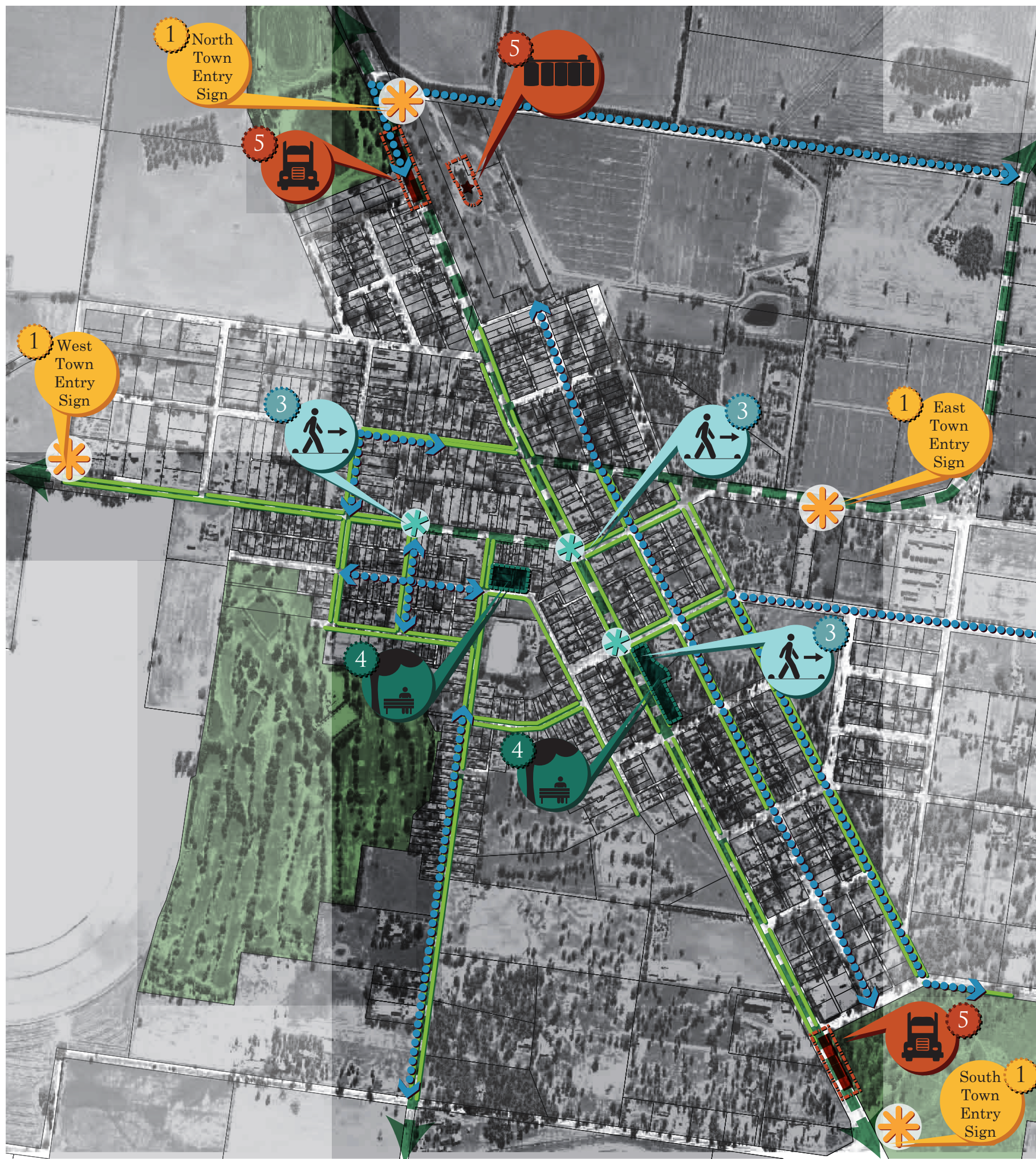


Laminated plans with community member's comments sketched over the top



Laminated plans with community member's comments sketched over the top





5 Prioritised Projects

- 1 Welcome to Our Town - Entry Signage
Create a stronger sense of town identity
Build on town pride
Visual cue to traffic to slow down
- 2 Be Remembered for your Trees
Street Tree Planting
Comprehensive street tree planting
Priority areas identified
Species suggestion
- 3 Better Walking in Berrigan
Improve the walking environment of Berrigan with shade and rest opportunities
Continue build a foot path network
- 4 Parks for People – Apex & Hayes Park
Upgrade of 2 public parks to meet the social needs of Berrigan
- 5 Rest in Berrigan
Provide North and South bound truck rest stops
Silos project

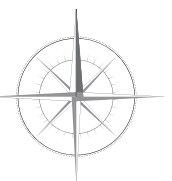


Project: Berrigan Town Concept Plan
Sheet: Town Concept Plan
Client: Berrigan Shire Council

Scale: 1:10,000 @ A3 | Designed by: CR August 2017
Revision: Draft | Drawn by: GC February 2018

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ABN 39 133 179 212

	Skills to undertake work	\$ Allowance	Project sub totals
Welcome to Our Town - Entry Signage		Sub total	\$67,000.00
		30% contingency	\$20,100.00
		Total	\$87,100.00
Form a Berrigan Town Sign Working Group to comment and contribute to the detailed design of the sign	Council - communication, consultation and facilitation, set rules of engagement Community - connected to the Berrigan community, willing to attend and participate in workshops and consultation	Internally undertaken by BSC	
Detailed design and documentation of signage and site design including consultation with a Berrigan Town Sign Working Group, Council and authorities inc RMS and LLS if required	Designing form, knowledge of fabrication, understanding of materials and installation, working in a collaborative design space with community	\$5,000.00	
Project manage the fabrication and installation of the signs	Understand construction, able to liaise with fabricator, able to remain true to the design intent during possible construction alterations	\$2,000.00	
Fabrication and installation <i>Note this figure is an allowance and is intended to set the brief for the park detailed design and documentation it assumes 2 signs to be installed only at a rate of \$30,000 per sign</i>	Signage fabricator / steel fabricator with skills in custom fabrication including large format vinyl printing, welding, attention to detail, able to transport and install	\$60,000.00	TBC when design is finalised in detailed Design

	Skills to undertake work	\$ Allowance	Project sub totals
Be Remembered for your Trees			
Priority 1 - Jerilderie and Chanter Street works		Sub total	\$234,000
		30% contingency	\$70,200
		Total	\$304,200
Create base data locating driveways, services and pits, existing trees, services for Jerilderie and Chanter Street to inform tree planting		Internally undertaken by BSC	
Undertake detailed planting plans for Jerilderie and Chanter Street	Understanding of tree planting and streetscapes	\$6,000	
Project manage the planting project including liaison with RMS, plant ordering and liaison with residents	Understand construction, able to liaise with nursery industry and contractors and authorities, able to remain true to the design intent during possible construction alterations	\$2,000	
Removal of trees identified as; past their useful lifespan, dangerous, impacting on services or sightlines. (assumes 1 tree every 40m = 170 trees x \$200) <i>Note this figure is an allowance and tree removal will need to be quantified during detailed documentation. There is a combined naturestrip area of approximately 6.7 linear km in the Jerilderie and Chanter Street (excludes existing trees in Chanter Street shopping area)</i>		\$34,000	TBC when design is finalised in documentation
Supply and transportation of street trees (assumes 1 tree every 15m = 453 new trees x \$400) <i>Note this figure is an allowance and assumes planting will need to be staged. There is a combined naturestrip area of approximately 6.8 linear km in the Jerilderie and Chanter Street (excludes existing trees in Chanter Street shopping area)</i>	Able to provide good quality stock, safely transport and support BSC with excellent plant knowledge	\$180,000	TBC when design is finalised in documentation
	Undertake planting of streetscapes	Setout of tree locations, minor adjustments base on site conditions,	Internally undertaken by BSC

Planning of Individual Streets		Sub total	\$411,000
		30% contingency	\$123,300
		Total	\$534,300
Audit and prioritise other streets	Understanding of tree health and the desired outcome for Berrigan streetscapes, possible GIS data requirements	\$12,000.00	This number is approximate only, specialist input required. Cost is likely to vary from one supplier to another.
Consult with the residents to choose tree species		Internally undertaken by BSC	
Project manage the planting project including liaison with RMS, plant ordering and liaison with residents (excludes ongoing liaison with other authorities)	Understand construction, able to liaise with nursery industry and contractors and authorities, able to remain true to the design intent during possible construction alterations	Internally undertaken by BSC	
Removal of trees identified as; past their useful lifespan, dangerous, impacting on services or sightlines. (assumes 1 tree every 40m =170 trees x \$200) <i>Note this figure is an allowance and tree removal will need to be quantified during detailed documentation.</i> <i>There is a combined naturestrip area of approximately 12.6 linear km to be planted</i>		\$63,000	TBC when audit is finalised
Supply and transportation of street trees (assumes 1 tree every 15lm = 453 new trees x \$400) <i>Note this figure is an allowance and assumes planting will need to be staged.</i> <i>There is a combined naturestrip area of approximately There is a combined naturestrip area of approximately 12.6 linear km to be planted</i>	Able to provide good quality stock, safely transport and support BSC with excellent plant knowledge	\$336,000.00	TBC when audit is finalised
Undertake planting of streetscapes	Setout of tree locations, minor adjustments base on site conditions,	Internally undertaken by BSC	

	Skills to undertake work	\$ Allowance	Project sub totals
Better Walking in Berrigan		Sub total	TBA
		30% contingency	
		Total	
Review and plan to rectify existing paths		Internally undertaken by BSC These works have been included in Transport Asset Management Plan and Pedestrian and Access Mobility Plan review	
Undertake rectification works on footpaths including demolition of sections of existing path			
Plan future footpath projects including liaison with residents			
Construct footpaths		Price to be an outcome of the Transport Asset Management Plan and Pedestrian and Access Mobility Plan review	
Chanter Street		Sub total	\$220,000
		30% contingency	\$66,000
		Total	\$286,000
Undertake survey of Chanter St area		Internally undertaken by BSC	
Detailed design and documentation of Chanter Street including consultation with Community and Council		\$16,000	
Project manage the tender and construction of the park		\$4,000	
"Construction of new rest areas including new / refurbished furniture, upgrade to exiting pergolas, new kiosk, new streetscape outstand <i>Note this figure is an allowance and is intended to set the brief for the park detailed design and documentation "</i>		\$200,000	TBC when design is finalised in detailed Design

	Skills to undertake work	\$ Allowance	Project sub totals
Parks for People – Apex & Hayes Park			
Form a Berrigan Parks for People Working Group to comment and contribute to the detailed design of the park and associated elements		Internally undertaken by BSC	
Apex Park		Sub total	\$220,000
		30% contingency	\$66,000
		Total	\$286,000
Undertake survey of Apex Park and adjacent laneway	Able to undertake accurate feature survey of visible features and provide as in a format that can be used by designers	Internally undertaken by BSC	
Detailed design and documentation of park including consultation with a Berrigan Town Parks for People Group and Council	Good site design with understanding how to work with significant existing trees, knowledge of park furniture and playground equipment	\$16,000	
Project manage the tender and construction of the park	Understand construction, able to liaise with council and contractor, able to remain true to the design intent during possible construction alterations	\$4,000	
Construction of the park including upgrade to playground <i>Note this figure is an allowance and is intended to set the brief for the park detailed design and documentation</i>	Landscape contractor or civil contractor with attention to detail, able to follow, set out and construct, able to work under trees without damaging them, experience installing playgrounds and soft fall	\$200,000	

Hayes Park (including long vehicle area)		Sub total	\$165,000
		30% contingency	\$49,500
		Total	\$214,500
Undertake survey of Hayes Park		Already completed	
Detailed design and documentation of park including consultation with a Berrigan Town Parks for People Group and Council	Good site design with understanding how to work with significant existing trees, knowledge of park furniture and shelter products	\$12,000	
Project manage the tender and construction of the park	Understand construction, able to liaise with council and contractor, able to remain true to the design intent during possible construction alterations	\$3,000	
Construction of the park including path network, basketball court, upgrade to picnic tables and shelter <i>Note this figure is an allowance and is intended to set the brief for the park detailed design and documentation</i>	Landscape contractor or civil contractor with attention to detail, able to follow, set out and construct, able to work under trees without damaging them	\$150,000	
Hayes Park Interpretation Display		Sub total	\$40,500
		30% contingency	\$12,150
		Total	\$52,650
Concept, detailed design and documentation interpretive display including consultation with a Berrigan Town Parks for People Group and Council	Designing form, knowledge of fabrication, understanding of materials and installation, working in a collaborative design space with community	\$3,500	
Research, story development, copy, graphic layout and artwork of interpretive display including consultation with a Berrigan Town Parks for People Group and Council Assumes 5 signs	Understand how to tell an interesting story, able to write compelling text, able to combine written and graphic story telling techniques	\$13,000	
Project manage the tender and construction / fabrication of the display	Understand construction, able to liaise with fabricator, able to remain true to the design intent during possible construction alterations	\$4,000	
Construction / fabrication of the display <i>Note this figure is an allowance and is intended to set the brief for the interpretation concept, detailed design and documentation</i>	Signage fabricator / steel fabricator with skills in custom fabrication including large format vinyl printing, welding, attention to detail, able to transport and install	\$20,000	

Berrigan Town Concept Plan Report

	Skills to undertake work	\$ Allowance	Project sub totals
Rest in Berrigan			
Engage with trucking community and local committees to discuss project, outcomes and maintenance Form a Berrigan Rest Stop Working Group and a Silo Projection Working Group to comment and contribute to the detailed design of the Rest Stops and Projection Project"	Council - communication, consultation and facilitation, set rules of engagement Community - connected to the Berrigan community, /understanding of truck drivers needs, understanding of long vehicle needs, willing to attend and participate in workshops and consultation	Internally undertaken by BSC	
Liaison with silo owner to negotiate projection project	Communication, consultation and facilitation, set rules of engagement	Internally undertaken by BSC	
North Jerilderie St Stop		Sub total	\$257,000
		30% contingency	\$77,100
		Total	\$334,100
Develop a detailed mud map and scope the project with the Berrigan Rest Stop Group and Silo Projection Group to form agreed brief	Understanding of possible built outcomes, problem solving to find win win outcomes, able to listen to the ideas and concerns of the Working Group	\$1,500	
Survey truck stop and long vehicle site with possible extension to the Silos	Able to undertake accurate feature survey of visible features and provide as in a format that can be used by designers	Internally undertaken by BSC	
Concept, detailed design and documentation of truck stop and silo projection including consultation with Berrigan Rest Stop Working Group and Silo Projection Working Group	Able to develop mud map into construction drawings while taking on feedback from Working Groups, specialist understanding of projector and light display capabilities	\$5,500	
Project manage the tender and construction rest stop and projection project	Understand construction, able to liaise with construction team, able to remain true to the design intent during possible construction alterations	Internally undertaken by BSC	
Construction of the rest stop and projection space <i>Note this figure is an allowance and is intended to set the brief for the rest stop detailed design and documentation</i>	Road construction, installation of furniture, specialist projection installation	\$170,000	
Construction of the toilet facilities <i>Note this figure is an allowance and is intended to set the brief for the rest stop detailed design and documentation</i>		\$80,000	

South Jerilderie St Rest Stop		Sub total	\$150,000
		30% contingency	\$45,000.00
		Total	\$195,000.00
Develop a detailed mud map and scope the project with the Berrigan Rest Stop Group and Community members involved in the Tank Paddock works to form agreed brief	Understanding of possible built outcomes, problem solving to find win win outcomes, able to listen to the ideas and concerns of the Working Group	Internally undertaken by BSC	
Concept, detailed design and documentation of truck stop including consultation with Berrigan Rest Stop Group and Community members involved in the Tank Paddock works	Able to develop mud map into construction drawings while taking on feedback from Working Groups,	Internally undertaken by BSC	
Survey truck stop and long vehicle site	Able to undertake accurate feature survey of visible features and provide as in a format that can be used by designers	Internally undertaken by BSC	
Project manage the tender and construction rest stop	Understand construction, able to liaise with construction team, able to remain true to the design intent during possible construction alterations	Internally undertaken by BSC	
Construction of the rest stop <i>Note this figure is an allowance and is intended to set the brief for the rest stop detailed design and documentation</i>	Road construction, installation of furniture,	\$150,000	



Town Entry Signage Aspiration

- Create a stronger sense of town identity
- Build on town pride
- Visual cue to traffic to slow down

Locations

Four possible locations have been identified for signage with two locations prioritised

Current

The existing Town Entry Signage features

- A galah (Better in Berrigan mascot) Slogan 'Birthplace of Federation'
- The Berrigan Shire logo
- "Welcome to Berrigan"

Issues

- The Better in Berrigan branding has strengthened in the town centre. The current sign does have the galah branding, however, the 'Better in Berrigan' slogan is missing
- The existing signage has lighting that was fundraised for by the Berrigan community and lighting should be included in the next design
- During the community consultation, the original designer of the galah logo suggested it could be updated to be more contemporary
- There is lots of information on the existing sign, and the message is getting lost.
- The existing sign is similar to others and doesn't reflect Berrigan as a unique place

Proposed

The proposed Town Entry Signage features

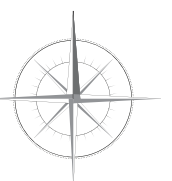
- 'Berrigan' as the key message
- 'Better in' secondary message
- A Galah as the symbol/ logo in a more contemporary graphic style
- The big blue sky and horse racing as a backdrop
- Farewell or thank you for visiting Berrigan message on the rear of signage

Outcomes

Message has been simplified to be appreciated from a vehicle.
 Message and branding has been unified with the town centre
 Galah has been modernised to remain current
 Horse racing has been prioritised as a key message about Berrigan



Project: Berrigan Town Concept Plan
 Sheet: Welcome to Our Town
 Client: Berrigan Shire Council



Scale: 1:10,000 @ A3 | Designed by: CR | August 2017
 Revision: Draft | Drawn by: GC | February 2018

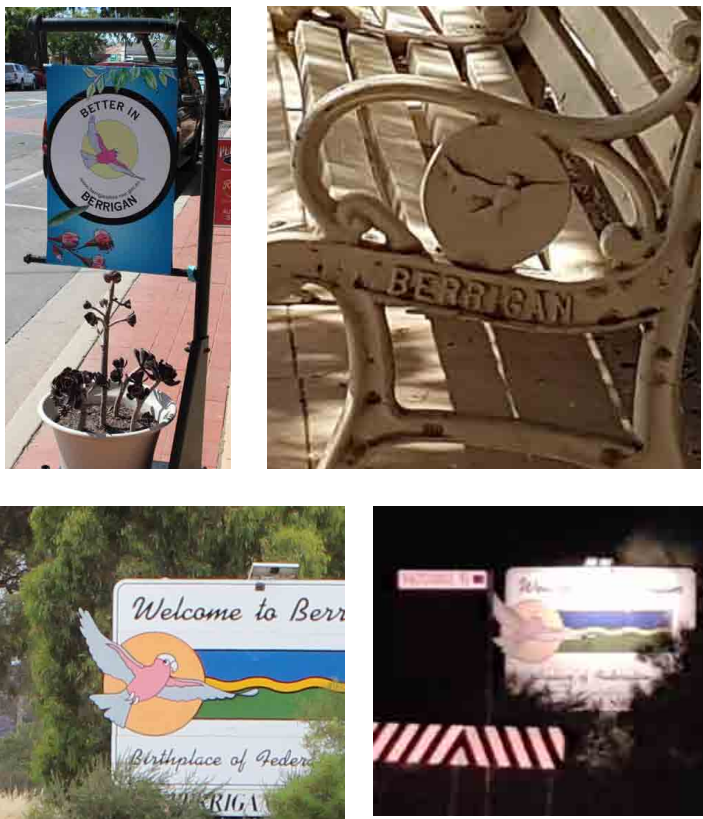
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ABN 39 133 179 212

Welcome to our Town

Town Entry Signage



The Better in Berrigan Brand

The Berrigan community has formed a Better in Berrigan group. They play a key role in promoting and branding Berrigan as a great place to visit and live. The flying galah logo was developed by the Berrigan community. The galah was drawn by a current community member. The branding appears on their existing signs, street furniture and a series of flags.

The Current Town Signs

The current signs feature The Galah, Berrigan Shire Council logo, Welcome to Berigan and “Birthplace of Federation’. The southern entry has been developed by the community and the planting is has established. They are obscuring some of the signs message. The plants should be retained and a key consideration for the site of the new signs. Lighting should be included in the design and documentation phase of the sign.



Preferred Town Entry Signage Concept

Proposed sign

The Berrigan community has had significant input into the detail of their town sign design including content, font choice, colour of sky and sun. Alternative messages including Berrigan’s unique history including role in Australian Federation have been considered, however, the community voted to support the Better in Berrigan branding and the popular Berrigan Country Races. The design has received support from community organisations including the BDDA and Tidy Towns Committee.

Recommendations

- Design and document a sign based on the preferred concept
- The development of sign and particularly the flying galah logo should be approved by the Berrigan community
- Get RMS approval signs and locations
- Undertake site design for all sign locations to ensure services, drainage, lighting and RMS requirements are met.
- The site design should be approved by the Berrigan community
- Promote the process to the community to ensure their expectations are met

Supporting strategies and reports for Welcome to our Town

Tourism Strategy 2014 - 2018
Berrigan Shire Council

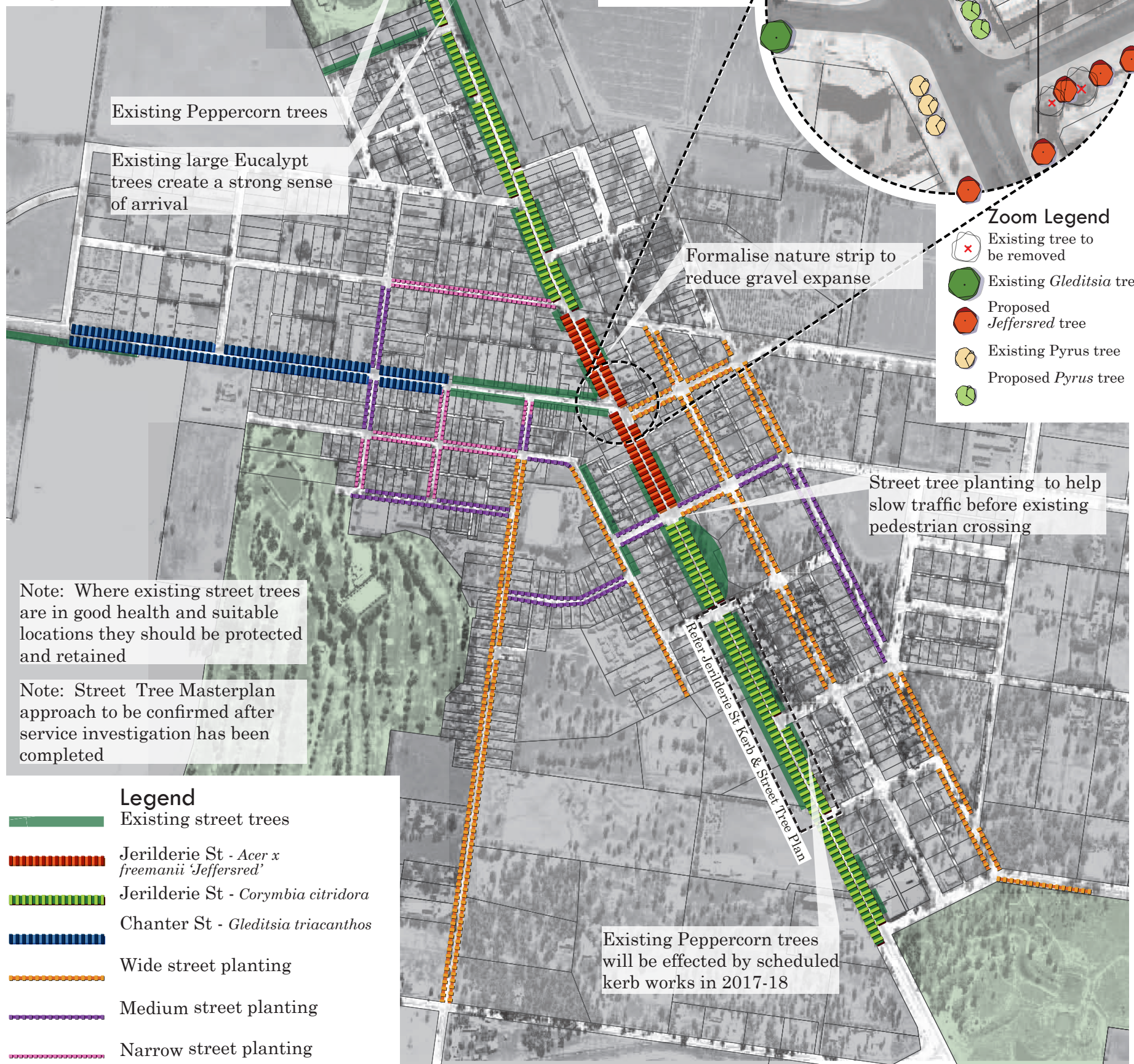
9. Tourism Strategy 4- yr Action Plan pg 14
“Invest in town entrances and the visual amenity and accessibility of our streetscapes / river precincts”



Main Roads
- Jerilderie Street
- Chanter Street



Streets with Paths
- Wide streets
- Medium streets
- Narrow streets



Street Tree Aspiration

Street trees planting has visually enhanced Berrigan, and shady path network supports use of the footpath system by all ages.

Current

The existing street trees are very good in Chanter Street, however elsewhere the trees are inconsistent, in spacing health and at times species.

Issues

The tree stock in Berrigan is old, and drought affected in most streets

Proposed

The street tree masterplan provides a planting strategy for Berrigan to be appear green and shady with consistent street tree species and overall have more trees.

Plant boulevards of trees to

- Create a more cohesive streetscape character
- Ongoing succession planting program
- Create shaded pathways
- Enhance town presentation and appeal

Priorities

The proposed planting in Berrigan is extensive and need to be undertaken in manageable stages. The Street Tree Masterplan Priorities are based on the following rationale:

1. All main roads. The rationale is to improve first impressions of the town and has been prioritised due to a) road work on Jerilderie Street b)improve the immediate appeal of the town.
2. All streets with paths. The rationale is to help create a more comfortable walking environment and support active ageing with shady paths. New path construction should include street tree planting

Outcomes

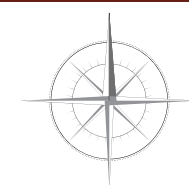
Prioritised areas for plantings
Species suited to different conditions
Engagement recommendations to discuss street trees in residential areas

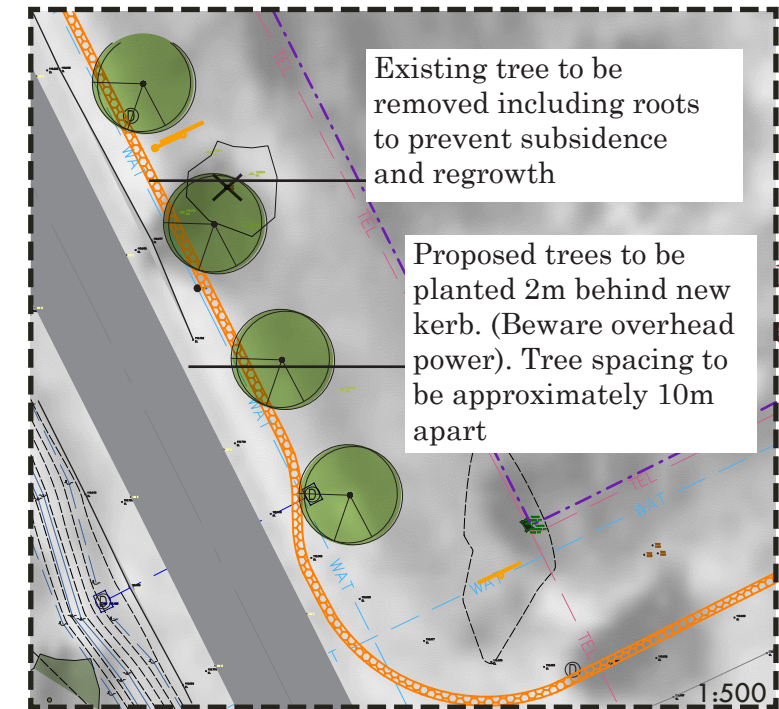
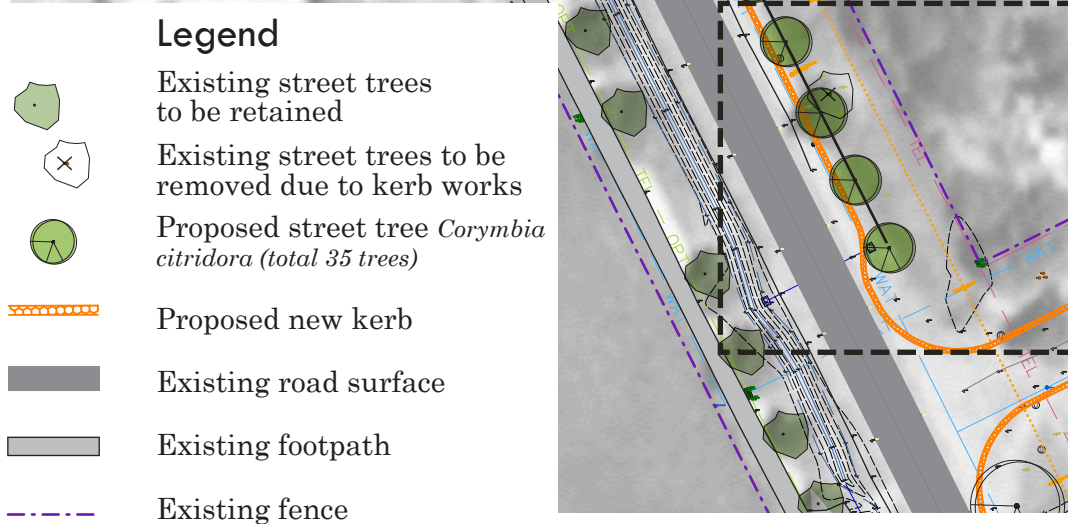


Project: Berrigan Town Concept Plan
Sheet: **Be Remembered for Your Trees**

Scale: 1:10,000 @ A3 | Designed by: CR | August 2017
Revision: Draft | Drawn by: GC | February 2018

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This planting plan is a concept only and is subject to on site confirmation of all service locations.

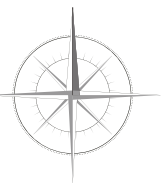
Tree Planting Note:

Trees shown in indicative locations only
 Ensure trees are planted no closer than;
 3 metres to driveways
 4 metres to light poles
 2 metres to a services pit
 2 metres from service conduit crossing points
 3 metres to a fire plug
 2 metres to a domestic service tapping point
 9 metres from intersections (building lines)
 2 metres from stormwater outlet points

Nature strip trees are not to be placed directly above services or below powerlines.

Project: Berrigan Town Concept Plan

Sheet: Jerilderie St Kerb and Street Tree Plan



Scale: As shown | Designed by: CR | August 2017

Revision: Draft | Drawn by: GC | August 2017

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Be Remembered for your Trees

Street Tree Masterplan

Why value trees?

Social Benefits

- Contribute to the identity of the town
- Green open space for events, festivals and celebrations
- Encourage outdoor activity - health benefits
- Connection to nature - health benefits
- Reduce sun exposure - reduced cancer risks
- Reduce heat related illnesses
- Improve mental wellbeing

Environmental Benefits

- Reduce air pollution
- Capture and store carbon
- Provide shading in summer and solar access in winter (deciduous only)
- Reduce carbon emissions
- Provide habitat and biodiversity
- Reduce nutrient flows into stormwater

Economic Benefits

- Reduce cost of energy consumption by improving microclimates
- Streets with more street trees have higher property values
- Green towns are more likely to attract visitors

Choosing the right tree

Size of tree at maturity

- Micro-climate impact
- Small trees have less impact on cooling our streets in summer than large trees
- Cue to slow traffic
- Small trees are less effective at slowing traffic speeds
- If space is an issue, a small tree is better than no tree

Diversity of tree species in the overall street tree list

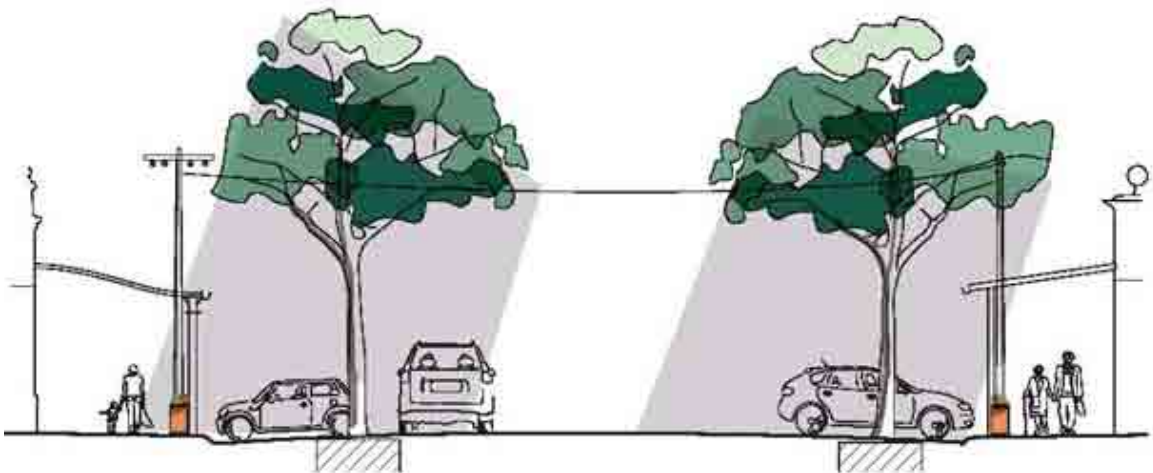
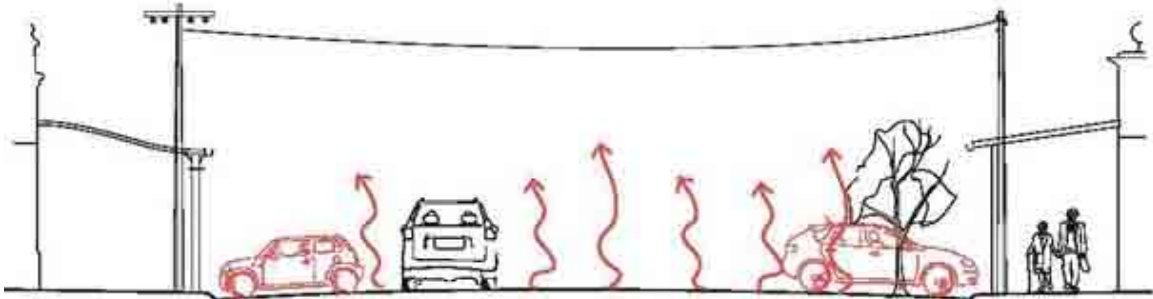
- Planting a range of tree species;
- Reduces risk of loss due to climate event or insect attack
 - Increases demands on maintenance and resource management

Keeping existing trees

- The climate is hot and dry, establishing trees is difficult and requires ongoing maintenance
- Keeping a healthy, established tree vs removing it to create a boulevard – site specific response needed

Not always replanting the same species

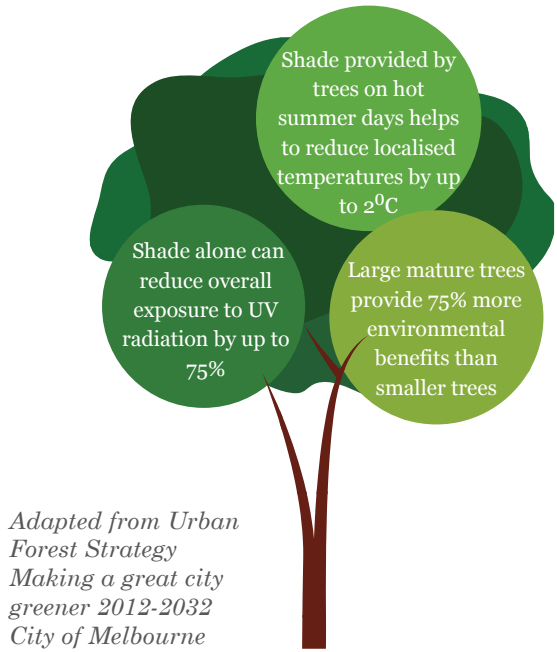
- Tree species planted at one time are not always socially and environmentally the right fit for the future



Supporting strategies and reports for Be Remembered for your Trees

Berrigan Shire 2027
Our Community Strategic Plan
Strategic outcome 1 Sustainable natural and built landscapes.
Priority Projects & Initiatives pg 15
“Invest in town entrances and the visual amenity of our streetscapes”

Tourism Strategy 2014 - 2018
Section 6 The Tourism Experience pg 8
“Council also promotes conditions that support visitation by building and maintaining... attractive town streetscapes”



Adapted from Urban Forest Strategy
Making a great city greener 2012-2032
City of Melbourne

What, when and how to plant

Process to plant trees

Audit

Undertake a street tree audit:

- What trees are in the streetscape?
- What condition are they in?
- Spatially locate audit
- Consider creating a register of trees which can be used to direct resources and maintenance

Overlay audit with proposed staging on the Street Tree Masterplan and develop detailed priorities based on;

High priority

- streets with existing footpath but low quality existing shade
- streets with scheduled civil construction
- streets with community support / demand for trees
- streets with few trees or trees in poor condition

Low priority

- streets with trees in good health and consistent planting
- streets with entire community resistant to tree planting

Get the community involved

Engage with the community to foster interest and ownership of the street trees. Ensure the importance of trees to the town is explained to the community. Getting the community involved in tree choices will help in the tree success rate. People who feel a sense of ownership are more likely to water the tree out the front of their house in summer and unlikely to remove or poison the tree.

There will be locations where community members have planted a garden on the nature strip. It is recommended that Council speak with them at the planning stage before planting is undertaken. Involve them in the choice of tree and ensure that the other plantings can remain.

Plan each planting

Each streetscape will need to be planned. The tree species will need to be selected based on the size of the naturestrip and services locations. Refer to the recommended trees on this page. Community input is valuable at this stage. Consider the spacing of the trees. Aim for as many trees as possible, with a minimum of one tree every 17m. Further discussions with some community members may be required to confirm the location of the tree.

If a street has significant underground services / infrastructure consider using tree cells.

Order the trees

Plan to plant when the soil will have some moisture but is not water logged. Order the stock well in advance. If the trees are coming from a different climate eg/Melbourne or Sydney, allow time for them to harden off in a local nursery or with the works team.

Discuss the proposed species with the supplier and what stock and quantity they have available. A contract to grow the trees could be considered.

Satisfy yourself with the quality of all plants before accepting them from the supplier. All plants shall be true to species and the best of their respective kinds. They should have:

- a well-developed root system within the rootball (not pot bound) and
- be free from pests and disease
- straight trunks
- strong crown growth that is well formed.

It is recommended that no tree be accepted which is unhealthy and/or has not been adequately hardened off, or is otherwise inferior in quality.

Planting and maintenance

To limit tree stress and shock plant immediately after delivery to site or heeled in or covered with moist soil or hessian. Until planted, trees will need to be adequately protected from frost and winds and be properly maintained.

After planting, the trees will need to be regularly watered until they are established (first season). During the following two (2) summers / dry weather watering will be required. Some trees may require replacing during this phase and this should be discussed with the supplier when ordering the trees. Monitor and treat trees for pests and diseases as required.

Recommendations

- Audit the existing trees and set detailed priorities
- Engage the community to discuss tree species and locations
- Plan each street and order stock in advance
- Plant in accordance with the tree planting detail in the appendix.

Recommended trees

A tree palette has been prepared for Berrigan based on the climate and cultural conditions. There are specific trees for the main roads and a palette to guide choices in other streets.

The following list has been prepared to guide future tree plantings:

Botanical name	Common name	Height x Spread
Jerilderie Street		
<i>Acer x freemanii</i> ‘Jeffersred’	Maple	13-15 x 5-7m
<i>Corymbia citriodora</i>	Lemon Scented Gum	20 x 8m
Chanter Street		
<i>Gleditsia triacanthos</i> 'Continental'	Honey Locust	9 x 5 m
Wide Streets		
<i>Acer x freemanii</i> ‘Jeffersred’	Maple	13-15 x 5-7m
<i>Corymbia citriodora</i>	Lemon Scented Gum	20 x 8m
<i>Corymbia maculata</i>	Spotted Gum	30 x 10m
<i>Eucalyptus leucoxylon</i> 'Rosea’	Yellow Gum	9-15 x 5-8m
<i>Grevillea robusta</i>	Silky Oak	20 x 6m
<i>Ulmus parvifolia</i>	Chinese Elm	13 x 10m
<i>Zelkova serrata</i>	Zelkova	14 x 10m
Medium Streets		
<i>Casuarina cunninghamiana</i>	River Sheoak	15x 6m
<i>Corymbia ficifolia</i>	Flowering Gum	10 x 5m
<i>Fraxinus angustifolia</i> 'Raywood’	Ash	12 x 9m
<i>Gleditsia triacanthos</i> 'Continental'	Honey Locust	9 x 5 m
<i>Hymenosporum flavum</i>	Native Frangipani	18 x 8m
<i>Jacaranda mimosifolia</i>	Jacaranda	15 x 10m
<i>Pistacia chinensis</i>	Chinese Pistachio	8 x 6m
<i>Pyrus calleryana</i> 'Glen'sForm'	Chantieleer Callery Pear	11 x 6m
Narrow or restricted streets		
<i>Acacia pendula</i>	Weeping Myall / Boree	12 x 5m
<i>Eucalyptus exima</i> 'Nana’	Dwarf Yellow Bloodwood	6-8 x 4-6m
<i>Lagerstroemia fauriei</i>	Crepe Myrtle	8 x 4m
<i>Pittosporum phylliraeoides</i>	Butterbush	8 x 5m
<i>Prunus spp.</i>	Ornamental Plum	6 x 4m

BSC has been discussing ways to limit truck movements at the Jerilderie / Chanter Street corner. A truck route bypass has been suggested for the northern end of Jerilderie Street.

Possible trail to create walking loop.

Post Office refer to Town Centre zoom in plan for more details

Chanter Street refer to Town Centre zoom in plan for more details

Trail to cemetery

Jerilderie Street Refuge Islands refer to next page for more details

Trail to create walking loop

Trail to tank paddock

Legend

- Refer Better Walking in Berrigan - Town Centre
- Existing main road
- Possible truck bypass
- Existing path
- Existing paths with issues
- Proposed footpath
- Pedestrian walking circle
- Crossing requiring discussion with RMS
- Pedestrian destination eg. school, historical feature, park

Berrigan is easy to walk around. The footpath system connects the parks, school, hospital, shops and community groups. The paths are shady, and regular rest stop benches have made walking more manageable for all abilities including the elderly. The walking experience has been enhanced by interpretation by telling some of the local stories

There is an existing path network in Berrigan that has been built on the PAMP recommendations. There are some paths that are still to be built from the PAMP recommendations. Some areas that the PAMP did not cover. Berrigan's population is older than the average. Transportation around town is a key concern.

- There are some paths with issues that make them hard to use. (refer plan and next page)
- The footpath network needs to respond to specific needs of the Berrigan demographics

- Increase footpaths throughout Berrigan to improve walking and cycling connections across the whole town.
- Improve DDA access of the existing footpaths by altering specific problem locations
- Rest Stops to improve distances that can be travelled by people with access requirements.
- Tree planting to shade all footpaths (refer to Be Remembered for your Trees section of this report)

Encourage and facilitate walking around town by increasing the existing path network, planting trees to shade the paths and installing seats/rests stops in the streetscape



Scale: 1:10,000 @ A3	Designed by: CR August 2017
Revision: Draft	Drawn by: GC February 2018

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Better Walking in Berrigan

Berrigan Paths & Connectivity

Existing footpath system issues

The community have raised issues about some recently constructed paths including;

- footpaths dipping up and down with driveways
- Poles in paths
- cross falls hard to use zimmer frames/walking sticks on
- paths with bends and kinks being indirect

The areas receiving the complaints are on Davis St and Cobram St. The paths connect Amaroo and the Hospital areas with Chanter Street.

Dipping footpath

Footpaths that dip at each driveway are uncomfortable for people using mobility devices.



Recommendation

All future footpaths should consider upgrades to the driveway construction to limit longitudinal grade changes. See image below



Areas between the aged care/hospital precinct and Chanter Street with this issue should be consider for improvements. Coordination with the driveway owners will be required.

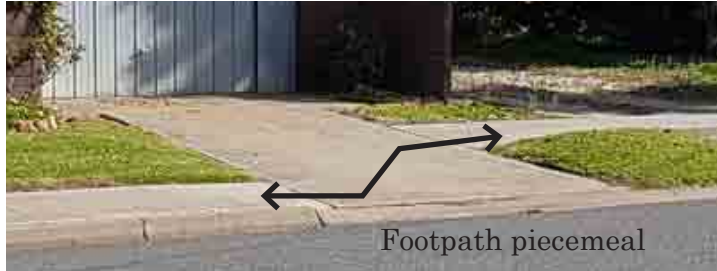
Cross fall on path

Footpaths with steep cross falls are uncomfortable for people using mobility devices. This can be made worse by curved paths and proximity to the road. See image below.



Interrupted Footpaths

Poles and changes of direction are hard to manage for people with disabilities and the elderly. See images below.



Recommendation

All future footpaths should be planned considering existing services. During this process consideration of alternative locations should be made. In some cases, the other side of the street would have provided less conflicts with services

Areas between the aged care/ hospital precinct and Chanter Street with these issues should be consider for improvements.

State Roads in Berrigan

Berrigan has two main roads, Chanter Street and Jerilderie Street. Both roads are state roads, governed by RMS and are part of trucking routes. Chanter Street is the main shopping strip and has the potential for a village like feel. Jerilderie Street is wide and has a mix of uses. BSC has been advised in previous consultations with RMS that there needs to be xxx pedestrians to justify more crossings or crossing upgrades in either streetscape.

Jerilderie Street Refuge Islands

The community has noted several near misses at the skate park (Hayes Park) refuge island on Jerilderie Street. This location is well signed and sight lines are fairly clear. Site analysis of Jerilderie St suggested that the wide open street contributed to the complacency of drivers and pedestrians. To counter this issue, it is recommended street tree planting in Jerilderie Street. Refer to Be Remembered For Your Trees and Parks For People - Hayes Park



Supporting strategies and reports for Better Walking in Berrigan

Berrigan Shire 2027
Our Community Strategic Plan
Strategic Outcome 3 Supported and engaged communities pg 19 “Strategic Objectives
3.1 Create safe, friendly and accessible communities.
Priority Projects & Initiatives
Walking / bike trails connecting our towns”

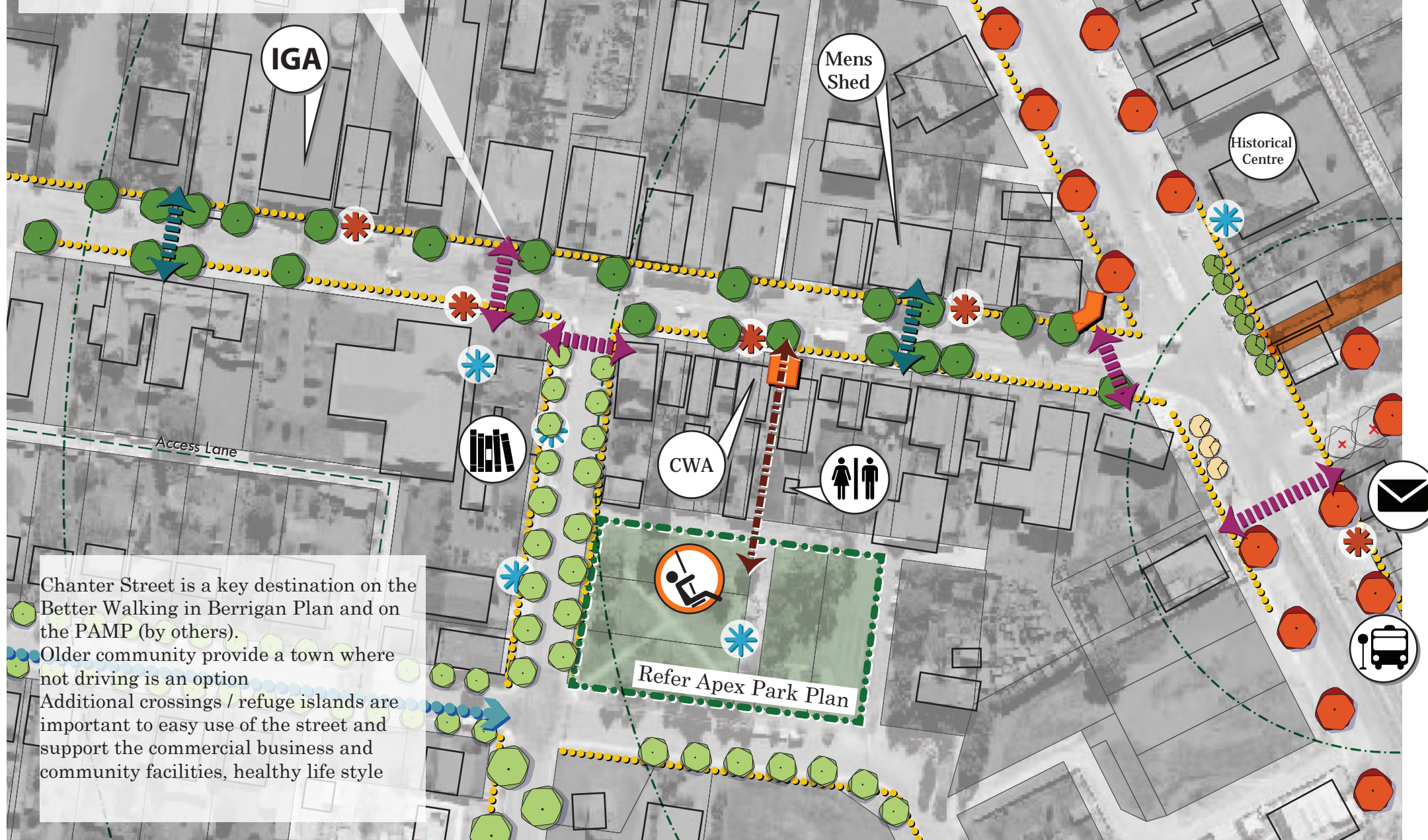
Berrigan Shire Active Ageing and Disabilit Inclusion plan 2017-2021

“Active Ageing & Disability Inclusion Plan Outcome: Safe paths, parks, and travel in, around and between our towns”

Through the following actions:

- “Extend and upgrade pedestrian access to open space, public buildings and retail centres
- Review in consultation with users and Pedestrian Access and Mobility Plans (PAMPs)
- All abilities pedestrian access in and between open space, public buildings and retail centres”

Pedestrian are crossing between the Library and The supermarket into a garden bed and lingering on the road surface. This is a hazard.
Chanter Street is a state road. Discuss pedestrian refuge and pram crossing to the kerb to facilitate better access.



Chanter Street is a key destination on the Better Walking in Berrigan Plan and on the PAMP (by others).
Older community provide a town where not driving is an option
Additional crossings / refuge islands are important to easy use of the street and support the commercial business and community facilities, healthy life style

Legend

- | | | | |
|--|------------------------------------------------------------------------|--|------------------------------------------------------------------------|
| | Existing path | | Existing pergola |
| | Existing crossing | | Existing <i>Gleditsia</i> tree |
| | Existing Mosaic artwork | | Existing <i>Pyrus</i> tree |
| | Proposed footpath refer to <i>Better Walking in Berrigan Town plan</i> | | Existing tree to be removed |
| | Location to facilitate pedestrian crossing | | Proposed <i>Pyrus</i> tree |
| | Existing connection to Apex park to be strengthened | | Proposed <i>Jeffersred</i> tree |
| | Proposed rest area | | Proposed street tree refer to <i>Be Remembered for your Trees Plan</i> |

Better Walking Aspiration

Town Centre (centred on Chanter Street, between Jerilderie and Mitchell Streets) has an active, attractive and cohesive streetscape with retail, hospitality and community facilities. It is free of 'inactive' retail (such as storage/ factory units), empty shop fronts and industrial activities (such as welding or powder coating) The streetscape is socially and economically active with a series of rest areas offering residents and visitors seating and shade opportunities at convenient intervals
A small, but diverse range of shopping facilities meets the basic needs of residents and visitors
Walking around the town centre is easy with shady continuous paths and good access connections for All Abilities

Current

There is excellent building stock in Berrigan, many buildings are used by community groups or as display for other shops. There is a pedestrian crossing which provides improved crossing safety across the RMS road. The newsagent has recently relocated out of Chanter Street. This has change the retail balance and use of the streetscape. The existing trees make an excellent contribution to the streetscape.

Issues

- Street furniture is tired and worn. Some pergolas have no plants and do not present as well as they could
- Pedestrians are crossing near the library and supermarket.

Proposed

- Discuss an additional pedestrian crossings in the town centre to be discussed with RMS to improve safety
- Strengthen pedestrian connections to toilets from Chanter Street
- Upgrade street furniture to provide rest stops at regular intervals
- Include drinking fountain (with dog water bowl to support aid animals)
- Disabled parking to be reviewed

Project: Berrigan Town Concept Plan

Sheet: Better Walking in Berrigan Town Centre

Scale: 1:1,500 @ A3 | Designed by: CR August 2017

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Better Walking in Berrigan

Berrigan Paths & Connectivity



Rest to improve walking

The Better Walking In Berrigan Plan recommends rest areas throughout Berrigan with a focus on the town centre.

Many people use mobility scooters to travel from the aged care/hospital facilities to the town centre. The climate in Berrigan and residents abilities has made that distance too far for many to walk. By providing rest stops distances which seemed unachievable become possible.

The rest areas outside of the town centre need only be a bench with armrests in shady/sheltered location. Optional extras at primary spots might include a water drinking fountain with DDA access, a bottle filling tap and a dog water bowl.

In some locations like Chanter Street, these rest areas will also be social spaces. The benches and facilities should be set up to support small groups of people gathering at these locations.

Rest Area Locations

The plan notes some rest area locations in the town centre. In addition, key walking routes between

destinations should be considered for rest stops. These sites should be identified in collaboration with the community and across the demographics. As a guide rest stops should be between 350-400m apart. They can be further of apart outside of the town centre. Ensure that any site for a rest area has good community surveillance and feels like it is part of Berrigan’s public space (park or street) z

Furniture

- Ensure the bench
- is easy to maintain
 - doesn’t get hot
 - has armrests to help with people access needs
 - the seat is at least 450mm high

Recommendations

- Install rest areas in the shopping areas as social spaces
- Engage with the community to locate other rest areas along existing footpaths
- When installing more footpath consider is a rest area would assist path users.





Parks for People Aspiration

Berrigan central parks have clear and distinct identities and roles. The parks play a meaningful role in the communities lives and add value to visitors experience of Berrigan

Current

There are two main town parks in Berrigan town centre. they have different identities and uses. Both have been identified by the community as requiring an upgrade to respond better to community needs.

Issues

- There is a need for clear and distinct park identities to ensure
- The parks both have opportunities to better met the needs of the community

Outcomes

- Berrigan has great parks with facilities that are tailored to the needs of the Berrigan community.

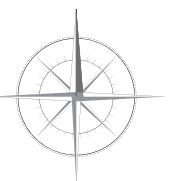


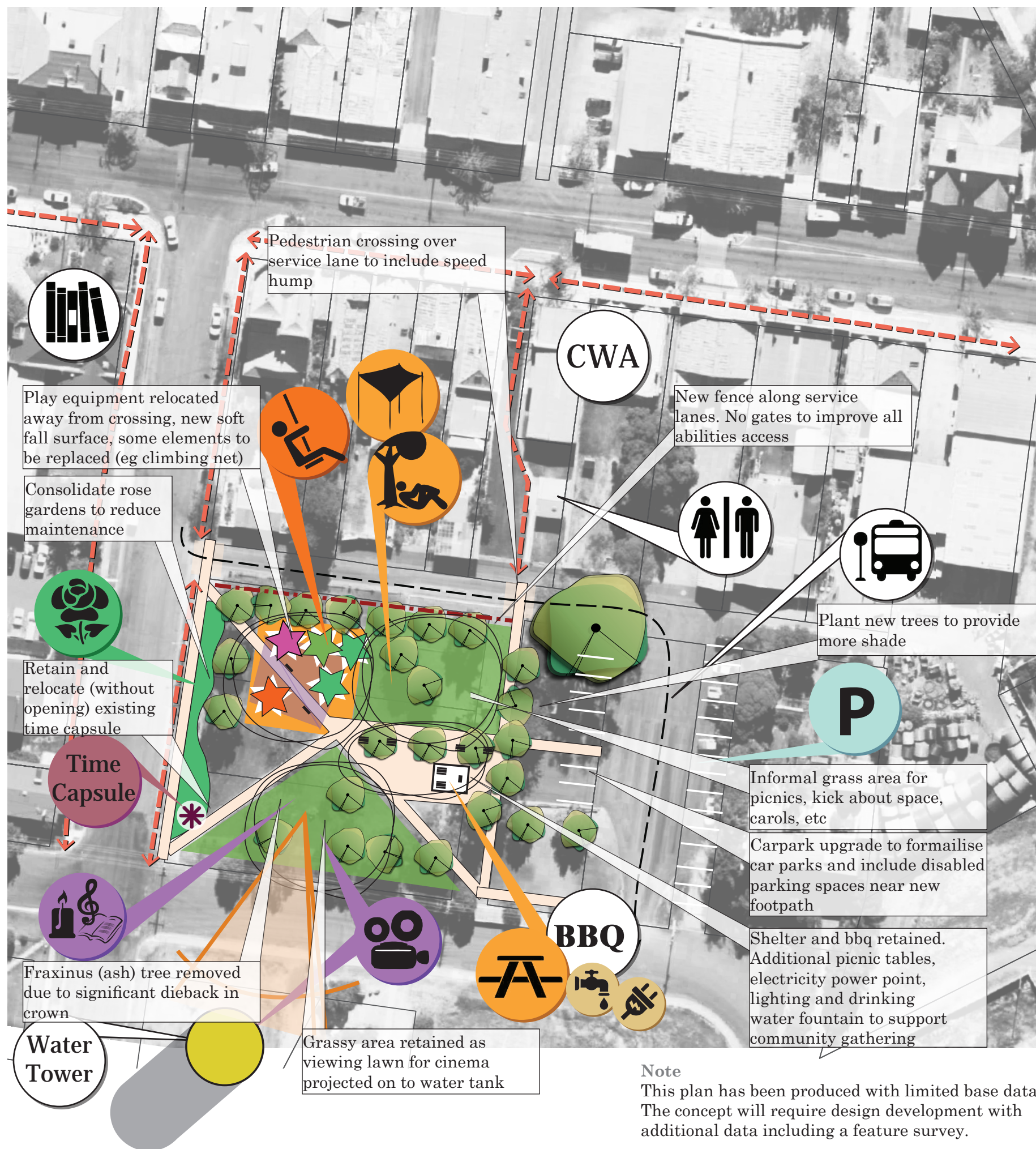
Project: Berrigan Town Concept Plan
 Sheet: Parks for People
 Client: Berrigan Shire Council

Scale: 1:3,000 @ A3 | Designed by: GC | August 2017
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Apex Park Aspiration

Apex Park is a social hub with both small and large scale events. New facilities support the community to host events in the park. The playground is well used and a destination for families in Berrigan. The Picnic ground, BBQ and shelter support both small gatherings and whole town events. The trees are healthy and provide a shady oasis in the heart of town. The footpath network provides good connections to this park. It is a destination for families spending time with relatives in Amaroo Aged Care

Current

The existing Apex Park facilities are tired and run down. The recent shelter is in good condition but could have more seating to facilitate group gatherings. The park has a pleasant setting of trees.

Issues

- The playground surfacing and some elements are damaged and pose a safety risk
- Some trees are showing signs of dieback or are past their useful lifespan
- Pedestrian links could be stronger
- There is community demand for improve community facilities in Apex Park

Proposed

The Apex Park proposal meets the needs of community groups and smaller gatherings.

- The path network is strengthened, and some activities are relocated to improve access and connections.
- Additional facilities including electricity, picnic table and a projector area increase the activities available in the park.
- Succession tree planting to ensure canopy cover in the park in the future

Outcomes

Increased diversity of community activities, size of gatherings
Improved pedestrian connections
Improved safety of playground
Tree planting for future shade

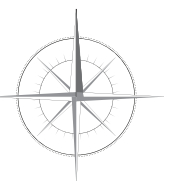


Project: Berrigan Town Concept Plan
Sheet: Apex Park Plan
Client: Berrigan Shire Council

Scale: 1:250 @ A3 | Designed by: CR August 2017
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Hayes Park Aspiration

Hayes park has three clear areas providing a dynamic multi-use space for the whole community. The toilet and visitor rest stop has been enhanced with engaging interpretation on the 'Firsts in Berrigan'. The youth space supports teens as valued members of the community and provides a point of difference for the rest stop that travellers plan their trip around. The Murray Pine forest continues to be a valued landscape setting to the park.

Current

The existing Hayes Park features large Murray Pines which have been carefully protected by the community. These pines are very large for the species typical form. They are important to the landscape value of the park and Berrigan.

Hayes Park includes the skate park and pool, both are well used by young people. Visitors come for the caravan park or shorter stops at the toilet and BBQ area. There is a long vehicle parking area on the road associated with the toilets.

Issues

- There is demand in the community for more youth activities such as a basketball half court
- The community has identifies stories that are unique to Berrigan they would like to showcase to visitors
- Berrigan RSL has identified that they would like a public space to display the names of local service people and nominated Hayes Park as a possible space.
- The path network is incomplete in this area.

Proposed

The proposed Hayes Park Plan retains the setting of Murray Pines while increasing facilities in the park to meet the community's needs.

- Basketball half court
- Connect skate park and toilets with new footpath
- Protect all Murray Pines.
- Interpretation area
- Upgrade to existing park furniture to improve park

Outcomes

Basketball half court
RSL possible memorial space
Interpretive panels displaying Berrigan's history and stories
Improved path network

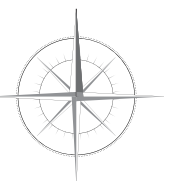


Project: Berrigan Town Concept Plan
Sheet: Hayes Park Plan
Client: Berrigan Shire Council

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Parks for People

Interpretation

Firsts in Berrigan

Berrigan’s town history has many important firsts, including:

- The birthplace of federation - the Berrigan Brand of the Australian league, organised the Corowa meeting that resulted in the Federation of Australia
- The first volunteer bush fire brigade formed in 1901
- The first country branch of the Australian Red Cross

These collection of firsts offer examples of the Berrigan culture of community orientated self-starters that persists today.

What will the interpretation achieve?

Berrigan has an active historical society and community members who are actively interested in the history of their town. There are several good stories that are unique to Berrigan and deserve elevation. The historical society is run by volunteers and cannot be open everyday. The interpretation will support the historical society’s collection and provide a snapshot of the most important stories Berrigan can tell.

Other Towns are telling similar stories such as Corowa. It is important to publish Berrigan’s stories to claim the space in history and to dovetail with their work. Building on the momentum will create a history trail that draws

a like minded tourist market to Berrigan.

Where to tell Berrigan’s Stories

Hayes’s Park is an excellent site that builds on an existing stopping point. This site would work well as a central hub. Other sites may be identified around town that site specific stories should be told.

What is good interpretation?

Put the ‘You’ into the story

- providing insight into what it would be like for ‘you’ to be ‘them’
- provoke an emotional response in the reader/viewer

See Sam Ham’s work for more information

Keep the story clear by

- curating the story into understandable themes (Thematic Interpretation)
- use the themes as a vehicle to communicate how the facts impacted on the lives of people

Stories that are of this place are valuable

because:

- you may travel to Berrigan to engage with a story you can’t hear/see/read anywhere else
- enrich people’s insight into the cultural history of Berrigan
- real and authentic stories
- Stories should be of the place and unique to Berrigan. Don’t tell stories that are also claimed by other communities or towns

Supporting strategies and reports for park for people

Berrigan Shire 2027
Our Community Strategic Plan
Strategic Outcome 3 Supported and engaged communities pg 19 “Strategic Objectives
3.2 Support community engagement through life-long learning, culture and recreation
Actions
3.2.1 Provide opportunities for life-long learning, cultural expression and recreation
Priority Projects & Initiatives
Market and promote the lifestyle and liveability of our communities”

Berrigan Shire Active Ageing and Disability Inclusion plan 2017-2021

“Active Ageing & Disability Inclusion Plan Outcome: Safe paths, parks, and travel in, around and between our towns”

Children, Young People & Families Strategy
Action Plan 2015 - 2019 Pg8
The development of this Strategy respects that investment by Council in playgrounds, the renewal, redevelopment and maintenance of it parks and gardens should consider the opportunities provided by these works to enhance and promote the conditions that support the learning and wellbeing of children and their families.

Tourism Strategy 2014 - 2018
Berrigan Shire Council
9. Tourism Strategy 4- yr Action Plan pg 14
“Preserve and further develop the Shire’s cultural heritage and local history”

North Jerilderie Street
Is located at the beginning of
the proposed Truck bypass
route and existing silos.
Facilities to include:

- Toilets with possible expansion to include showers
- Lighting
- Hardstand for trailers
- Bins
- Town map
- Picnic table and grassed area with shade trees
- All abilities access

Silo Project

Hayes Park

Tank Paddock

Facilities to include at all stops:

- Gravel or surfaced parking area
- Bins
- Town map
- Picnic table and grassed area with shade trees
- All abilities access

Mid Jerilderie Street (Hayes Park Toilets)
Long vehicle pull over to be retained
Interpretive display showcasing Berrigan's unique history provides additional interest

South Jerilderie Street
To be coupled with a small carpark at Tank Paddock and support the community efforts to develop Tank Paddock

Legend

Main roads / truck routes

Possible truck route bypass

Area currently with multiple truck turning movements

Proposed town entry sign

Rest Stop Aspiration

Berrigan is known as a welcoming and supportive town for long distance and long vehicle drivers. Truck and long vehicle pullovers and rest stops can be welcoming pleasant places to stop. These spaces are often the first impression for a visitor. These stops should be tidy, welcoming, safe and friendly -just like Berrigan.

Current

The existing rest stop is at Hayes Park. This site provides parking for long vehicles on Jerilderie Street. Toilets and a rest area are located nearby. This site has facilities which support short stops for travellers, however, there is demand for a space for trucks to leave trailers and for a quieter space for long distance drivers to have power naps. Trucks use the Chanter Street, Jerilderie Street and Oaklands Road as the truck route

Issues

- Hayes Park long vehicles area will need upgrading as part of street tree planting and Hayes Park Plans
- There is demand for truck parking (not just a pullover) including a surfaced area to leave trailers
- The three roads used by trucks meet in the centre of town and the large vehicles impact on the quality of the town centre. Council is exploring an truck bypass for Oaklands Road

Proposed

Berrigan has two additional sites have been identified. These locations support additional community activities which would benefit from long vehicles and extend the travellers stay in Berrigan

North Jerilderie Street with Silo project

Provide long vehicle parking in quiet location that would support naps and leaving trailers (north bound access)

Community idea for projection onto silos as part of a stop on a silo touring route

Near proposed truck bypass route

Hayes Park

Existing facilities retained/upgraded

Interpretive display of unique history of the areas

South Jerilderie Street with Tank Paddock Community project

Provide long vehicle parking in quiet location that would support naps and leaving trailers (south bound access)

Community project to beautify Tank Paddock park area

May suit people with pets to stop

Outcomes



Project: Berrigan Town Concept Plan

Sheet: Rest in Berrigan

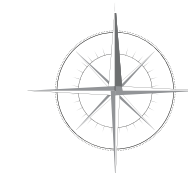
Client: Berrigan Shire Council

Scale: 1:10,000 @ A3 | Designed by: CR August 2017

Revision: Draft | Drawn by: GC February 2018

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Rest in Berrigan

Silo Art/Projection

Connecting with Silo Art Tourism

Silo artworks have gained popularity in Victoria and have created well loved touring routes. There is potential to connect with the silo art trails while providing a point of difference.

Silo Art

Most town have engaged a professional artist to paint a mural on their silos. There are some very good examples, however the quality of work is variable. There are concerns that the painting will age, peel away and look dated. The Berrigan Community have suggested projecting images as a different approach.

There are many benefits of a temporary nighttime art/light show.

- The quality can be controlled
- Berrigan can be a nighttime destination
This may help to support food venues and accommodation by stopping visitors in town after dark
- No paint that will fade and peel off over time
- Can change the art and theme easily
- Can be used to show movies and or hold events

Themes

The community have identified several historical agricultural films that were made on a local farm. See snapshots of video on this page. This footage is likely to appeal to locals and visitors while being in keeping with the silo’s existing.

The media of projection allows for many themes to be explored that are relevant to the Berrigan community an local history. It is suggested that the theme(s) can be very broad to appeal to a diverse market.

Issues

Berrigan’s silos are private property and are still in use. The owners have been approached by the

community and are open to the project, however, this is an active site. Visitors should not approach the silos or leave their vehicle obstructing access.

Further work

The project will need development of

- projection themes,
- specification of projectors and other specialised equipment
- a calendar of film/ art / historical images
- promotion of the silos as a touring destination
- site design to support appropriate access and use of the site



Supporting strategies and reports

Tourism Strategy 2014 - 2018
Berrigan Shire Council

9. Tourism Strategy 4- yr Action Plan pg 14
“Preserve and further develop the Shire’s cultural heritage and local history”

Berrigan Shire 2027
Our Community Strategic Plan
Strategic Outcome 4 Diverse and resilient business p
21

Strategic Objectives
4.3 Connect local, regional and national road and rail
infrastructure and networks

Actions
4.3.1 Develop and promote Berrigan Shire regional
transport and freight infrastructure
Priority Projects & Initiatives
Truck Parking – all towns

Berrigan Town Concept Plan
Action Plan
Final Draft

28/02/2018

Skills to undertake work	\$ Allowance	Project sub totals
Welcome to Our Town - Entry Signage		Sub total \$67,000.00
	30% contingency	\$20,100.00
	Total	\$87,100.00

Form a Berrigan Town Sign Working Group to comment and contribute to the detailed design of the sign	Council - communication, consultation and facilitation, set rules of engagement Community - connected to the Berrigan community, willing to attend and participate in workshops and consultation,	Internally undertaken by BSC	
Detailed design and documentation of signage and site design including consultation with a Berrigan Town Sign Working Group, Council and authorities inc RMS and LLS if required	Designing form, knowledge of fabrication, understanding of materials and installation, working in a collaborative design space with community	\$	5,000.00
Project manage the fabrication and installation of the signs	Understand construction, able to liaise with fabricator, able to remain true to the design intent during possible	\$	2,000.00
Fabrication and installation <i>Note this figure is an allowance and is intended to set the brief for the park detailed design and documentation it assumes 2 signs to be installed only at a rate of \$30,000 per</i>	Signage fabricator / steel fabricator with skills in custom fabrication including large format vinyl printing, welding, attention to detail, able to transport and install	\$	60,000.00
			TBC when design is finalised in detailed Design

Be Remembered for your Trees		
Priority 1 - Jerilderie and Chanter Street works		Sub total \$234,000
	30% contingency	\$70,200
	Total	\$304,200

Create base data locating driveways, services and pits, existing trees, services for Jerilderie and Chanter Street to inform tree planting	Internally undertaken by BSC	
Undertake detailed planting plans for Jerilderie and Chanter Street	Understanding of tree planting and streetscapes	\$6,000
Project manage the planting project including liaison with RMS, plant ordering and liaison with residents	Understand construction, able to liaise with nursery industry and contractors and authorities, able to remain true to the design intent during possible construction	\$2,000

Removal of trees identified as; past their useful lifespan, dangerous, impacting on services or sightlines. (assumes 1 tree every 40m = 170 trees x \$200)

Note this figure is an allowance and tree removal will need to be quantified during detailed documentation.

There is a combined naturestrip area of approximately 6.7 linear km in the Jerilderie and Chanter Street (excludes existing trees in Chanter Street shopping Supply and transportation of street trees (assumes 1 tree every 15m = 453 new trees x \$400)

Note this figure is an allowance and assumes planting will need to be staged.

There is a combined naturestrip area of approximately 6.8 linear km in the Jerilderie and Chanter Street (excludes existing trees in Chanter Street shopping area)

\$34,000 TBC when design is finalised in documentation

6700 168 170 \$ 34,000.00

Able to provide good quality stock, safely transport and support BSC with excellent plant knowledge

\$180,000 TBC when design is finalised in documentation

Undertake planting of streetscapes

Setout of tree locations, minor adjustments base on site conditions,

Internally undertaken by BSC

Full length

6700 447 448 \$ 179,200.00

Tree Removal @ \$200/tree - Planting @ \$400/tree

Planning of Individual Streets	Sub total	\$411,000
	30% contingency	\$123,300
	Total	\$534,300

Audit and prioritise other streets

Understanding of tree health and the desired outcome for Berrigan streetscapes, possible GIS data requirements

\$12,000.00 This number is approximate only, specialist input required. Cost is

Consult with the residents to choose tree species

Internally undertaken by BSC

Project manage the planting project including liaison with RMS, plant ordering and liaison with residents

Understand construction, able to liaise with nursery industry and contractors and authorities, able to remain true to the design intent during possible construction

Internally undertaken by BSC

(excludes ongoing liaison with other Removal of trees identified as; past their useful lifespan, dangerous, impacting on services or sightlines. (assumes 1 tree every 40m = 170 trees x \$200)

\$63,000 TBC when audit is finalised

Note this figure is an allowance and tree removal will need to be quantified during detailed documentation.

There is a combined naturestrip area of approximately 12.6 linear km to be planted

12600 315 315 \$ 63,000.00

Supply and transportation of street trees (assumes 1 tree every 15lm = 453 new trees x \$400)

Able to provide good quality stock, safely transport and support BSC with excellent plant knowledge

\$336,000.00 TBC when audit is finalised

Note this figure is an allowance and assumes planting will need to be staged.

There is a combined naturestrip area of approximately There is a combined naturestrip area of approximately 12.6 linear km to be planted

Undertake planting of streetscapes

Setout of tree locations, minor adjustments base on site conditions,

Internally undertaken by BSC

Total length from priorities 12600 840 840 \$ 336,000.00

Tree Removal @ \$200/tree - Planting @ \$400/tree

Better Walking in Berrigan

Sub total TBA

30% contingency

Total

Review and plan to rectify existing paths
Undertake rectification works on footpaths including demolition of sections of existing path
Plan future footpath projects including liaison with residents
Construct footpaths

Internally undertaken by BSC
These works have been included in Transport Asset Management Plan and Pedestrian and Access Mobility Plan review

Included in Transport Asset Management Plan and

Pedestrian and Access Mobility Plan review

Price to be an outcome of the Transport Asset

Chanter Street

Sub total

\$220,000

30% contingency

\$66,000

Total

\$286,000

Undertake survey of Chanter St area

Internally undertaken by BSC

Detailed design and documentation of Chanter Street including consultation with Community and Council

\$16,000

Project manage the tender and construction of the park

\$4,000

Construction of new rest areas including new / refurbished furniture, upgrade to exiting pergolas, new kiosk, new streetscape outstand

\$200,000 TBC when design is finalised in detailed Design

Note this figure is an allowance and is intended to set the brief for the park

Parks for People – Apex & Hayes Park

Form a Berrigan Parks for People Working Group to comment and contribute to the detailed design of the park and associated elements

Internally undertaken by BSC

Apex Park	Sub total	\$220,000
	30% contingency	\$66,000
	Total	\$286,000

Undertake survey of Apex Park and adjacent laneway	Able to undertake accurate feature survey of visible features and provide as in a format that can be used by designers	Internally undertaken by BSC
Detailed design and documentation of park including consultation with a Berrigan Town Parks for People Group and Council	Good site design with understanding how to work with significant existing trees, knowledge of park furniture and playground equipment	\$16,000
Project manage the tender and construction of the park	Understand construction, able to liaise with council and contractor, able to remain true to the design intent during	\$4,000
Construction of the park including upgrade to playground <i>Note this figure is an allowance and is intended to set the brief for the park detailed design and documentation</i>	Landscape contractor or civil contractor with attention to detail, able to follow, set out and construct, able to work under trees without damaging them, experience installing playgrounds and	\$200,000

Hayes Park (including long vehicle area)	Sub total	\$165,000
	30% contingency	\$49,500
	Total	\$214,500

Undertake survey of Hayes Park		Already completed
Detailed design and documentation of park including consultation with a Berrigan Town Parks for People Group and Council	Good site design with understanding how to work with significant existing trees, knowledge of park furniture and	\$12,000
Project manage the tender and construction of the park	Understand construction, able to liaise with council and contractor, able to remain true to the design intent during	\$3,000
Construction of the park including path network, basketball court, upgrade to picnic tables and shelter <i>Note this figure is an allowance and is intended to set the brief for the park detailed design and documentation</i>	Landscape contractor or civil contractor with attention to detail, able to follow, set out and construct, able to work under trees without damaging them	\$150,000

Hayes Park Interpretation Display	Sub total	\$40,500
	30% contingency	\$12,150
	Total	\$52,650

Concept, detailed design and documentation of interpretive display including consultation with a Berrigan Town Parks for People Group and Council	Designing form, knowledge of fabrication, understanding of materials and installation, working in a collaborative design space with	\$3,500
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Research, story development, copy, graphic layout and artwork of interpretive display including consultation with a Berrigan Town Parks for People Group and Council Assumes 5 signs	Understand how to tell an interesting story, able to write compelling text, able to combine written and graphic story telling techniques	\$13,000
Project manage the tender and construction / fabrication of the display	Understand construction, able to liaise with fabricator, able to remain true to the design intent during possible	\$4,000
Construction / fabrication of the display <i>Note this figure is an allowance and is intended to set the brief for the interpretation concept, detailed design and documentation</i>	Signage fabricator / steel fabricator with skills in custom fabrication including large format vinyl printing, welding, attention to detail, able to transport and	\$20,000

Rest in Berrigan	Sub total	
	30% contingency	\$0.00
	Total	\$0.00

Engage with trucking community and local committees to discuss project, outcomes and maintenance Form a Berrigan Rest Stop Working Group and a Silo Projection Working Group to comment and contribute to the detailed design of the Rest Stops and Projection Project	Council - communication, consultation and facilitation, set rules of engagement Community - connected to the Berrigan community, /understanding of truck drivers needs, understanding of long vehicle needs, willing to attend and participate in workshops and consultation,	Internally undertaken by BSC
Liaison with silo owner to negotiate projection project	Communication, consultation and facilitation, set rules of engagement	Internally undertaken by BSC

North Jerilderie St Stop	Sub total	\$257,000
	30% contingency	\$77,100
	Total	\$334,100

Develop a detailed mud map and scope the project with the Berrigan Rest Stop Group and Silo Projection Group to form agreed brief	Understanding of possible built outcomes, problem solving to find win win outcomes, able to listen to the ideas and concerns of the Working Group	\$1,500
Survey truck stop and long vehicle site with possible extension to the Silos	Able to undertake accurate feature survey of visible features and provide as in a format that can be used by designers	Internally undertaken by BSC
Concept, detailed design and documentation of truck stop and silo projection including consultation with Berrigan Rest Stop Working Group and Silo Projection Working Group	Able to develop mud map into construction drawings while taking on feedback from Working Groups, specialist understanding of projector and light display capabilities	\$5,500

Project manage the tender and construction rest stop and projection project	Understand construction, able to liaise with construction team, able to remain true to the design intent during possible construction alterations	Internally undertaken by BSC	
Construction of the rest stop and projection space <i>Note this figure is an allowance and is intended to set the brief for the rest stop detailed design and documentation</i>	Road construction, installation of furniture, specialist projection installation		\$170,000
Construction of the toilet facilities <i>Note this figure is an allowance and is intended to set the brief for the rest stop detailed design and documentation</i>			\$80,000
			Assume 100m x 20m pavement \$150,000 (no toilets)

South Jerilderie St Rest Stop	Sub total	\$150,000
	30% contingency	\$45,000.00
	Total	\$195,000.00

Develop a detailed mud map and scope the project with the Berrigan Rest Stop Group and Community members involved in the Tank Paddock works to form agreed brief	Understanding of possible built outcomes, problem solving to find win win outcomes, able to listen to the ideas and concerns of the Working Group	Internally undertaken by BSC	
Concept, detailed design and documentation of truck stop including consultation with Berrigan Rest Stop Group and Community members involved in the Tank Paddock works	Able to develop mud map into construction drawings while taking on feedback from Working Groups,	Internally undertaken by BSC	
Survey truck stop and long vehicle site	Able to undertake accurate feature survey of visible features and provide as in a format that can be used by designers	Internally undertaken by BSC	
Project manage the tender and construction rest stop	Understand construction, able to liaise with construction team, able to remain true to the design intent during possible construction alterations	Internally undertaken by BSC	
Construction of the rest stop <i>Note this figure is an allowance and is intended to set the brief for the rest stop detailed design and documentation</i>	Road construction, installation of furniture,		\$150,000
			Assume 100m x 20m pavement \$150,000 (no toilets)