



Ordinary Council Meeting

AGENDA

Council Chambers, 95-101 Alfred St, Charleville

16 March 2023

9:00am



Morven Rec Grounds New BBQ

Notice is hereby given that an Ordinary Council Meeting of the Shire of Murweh will be held in the Council Chambers, 95-101 Alfred St, Charleville on 16, March 2023 at 9:00am.

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1 OPENING PRAYER

2 APOLOGIES AND LEAVE OF ABSENCE

Apologies

Nil

Leave of Absence

Nil

Applications for Leave of Absence

3 CONFIRMATION OF MINUTES

Ordinary Council Meeting - 16 February 2023



Ordinary Council Meeting

MINUTES

Council Chambers, 95-101 Alfred St, Charleville

Thursday, 16 February 2023

9AM



Australia Day Award Recipients



**MINUTES OF MURWEH SHIRE COUNCIL
ORDINARY COUNCIL MEETING
HELD AT THE COUNCIL CHAMBERS, 95-101 ALFRED ST, CHARLEVILLE
ON THURSDAY, 16 FEBRUARY 2023 AT 9AM**

PRESENT: Cr S Radnedge (Mayor), Cr R Eckel, Cr P Alexander (Cr), Cr M McKellar, Cr P Taylor

IN ATTENDANCE: N Polglase (CEO), J Gorry (Director Corporate & Regulatory Services), R, Ranjit (Director Engineering Services), J Nicholson (Director Economic Development & Tourism),

1 OPENING PRAYER - FR PETER DOOLAN

2 APOLOGIES AND LEAVE OF ABSENCE

Apologies

Leave of Absence

Applications for Leave of Absence

3 CONFIRMATION OF MINUTES

RESOLUTION 017/23

Moved: Cr M McKellar
Seconded: Cr P Alexander

That the minutes of the Ordinary Council Meeting held 19 January 2023 be taken as read, confirmed and signed as a correct record of proceedings.

CARRIED

4 BUSINESS ARISING FROM MINUTES

5 MAYORAL MINUTE

6 NOTICE OF MOTION

7 CORRESPONDENCE FOR MEMBERS' INFORMATION

8 DECLARATION OF CONFLICTS OF INTEREST

9 UPDATE/CHANGE TO COUNCILLOR REGISTER OF INTEREST

9 NEIL POLGLASE RECOGNITION018/23

Mayor and Councillors thank Chief Executive Officer Neil Polglase for his dedication and service to Murweh Shire Council.

10 Corporate & Regulatory

10.1 BIOSECURITY AND STOCK ROUTE MANAGEMENT PLAN 2023 - 27**RESOLUTION 019/23**

Moved: Cr M McKellar

Seconded: Cr P Taylor

That Council adopts the Biosecurity and Stock Route Management Plan 2023 - 27

CARRIED**10.2 ENVIRONMENTAL HEALTH, LOCAL LAWS AND STOCK ROUTES****RESOLUTION 020/23**

Moved: Cr R Eckel

Seconded: Cr P Taylor

That Council accepts the Environmental Health, Local Laws and Stock Routes Report

CARRIED**10.3 FINANCIAL REPORT 31 JANUARY 2023****RESOLUTION 021/23**

Moved: Cr P Alexander

Seconded: Cr R Eckel

That Council receives the financial report for January 2023

CARRIED**10.4 HUMAN RESOURCES REPORT****RESOLUTION 022/23**

Moved: Cr M McKellar

Seconded: Cr P Taylor

That Council received the Human Resources Report

CARRIED**10.5 POLICY REVIEW HR005 DOMESTIC FAMILY VIOLENCE****RESOLUTION 023/23**

Moved: Cr M McKellar

Seconded: Cr R Eckel

That Council approves HR-005 Domestic & Family Violence Policy

CARRIED

10.6 WORKPLACE HEALTH & SAFETY REPORT**RESOLUTION 024/23**

Moved: Cr R Eckel
Seconded: Cr P Taylor

That Council receives the report from the Workplace Health & Safety Section.

CARRIED

The meeting adjourned for a morning tea break at 10:15 AM.

The meeting resumed normal proceedings at 10.41 AM.

10.7 SUSPEND STANDING ORDERS**RESOLUTION 025/23**

Moved: Cr M McKellar
Seconded: Cr R Eckel

That the Council suspend standing orders to receive a delegation from "Made in Murweh" and representatives from QLD Racing.

CARRIED**10.8 RESUME NORMAL PROCEEDINGS****RESOLUTION 026/23**

Moved: Cr M McKellar
Seconded: Cr R Eckel

That the council resumes normal meeting procedures.

CARRIED**11 ECONOMIC DEVELOPMENT & TOURISM****11.1 VISITOR INFORMATION REPORT JANUARY 2023****RESOLUTION 027/23**

Moved: Cr R Eckel
Seconded: Cr P Taylor

That Council receive the report from the Visitor Information Centre

CARRIED

11.2 COSMOS CENTRE REPORT**RESOLUTION 028/23**

Moved: Cr R Eckel
Seconded: Cr P Taylor

That Council receives the January Report from the Cosmos Centre & Planetarium.

CARRIED**11.3 WWII SECRET BASE & TOUR REPORT JAN 2023****RESOLUTION 029/23**

Moved: Cr R Eckel
Seconded: Cr P Taylor

That Council receives the WWII Secret Base & Tour Report for January 2023

CARRIED**11.5 ECONOMIC DEVELOPMENT & TOURISM REPORT****RESOLUTION 030/23**

Moved: Cr P Alexander
Seconded: Cr M McKellar

That Council receives the report from Economic Development & Tourism for January 2023

CARRIED**12 COMMUNITY & HEALTH SERVICES****12.1 COMMUNITY & HEALTH SERVICES REPORT****RESOLUTION 031/23**

Moved: Cr P Alexander
Seconded: Cr M McKellar

That Council receives the Community & Health Services Report

CARRIED**12.2 LIBRARIES REPORT ENDING 31 JANUARY 2023****RESOLUTION 032/23**

Moved: Cr P Alexander
Seconded: Cr M McKellar

That Council receives the report from the Libraries

CARRIED

13 ENGINEERING SERVICES

13.1 ENGINEERING REPORT
<p>RESOLUTION 033/23 Moved: Cr M McKellar Seconded: Cr P Alexander</p> <p>THAT COUNCIL RECEIVES THE ENGINEERING REPORT.MOTION Moved: Cr M McKellar Seconded: Cr R Eckel</p> <p>That we proceed with the refurbishment of the Augathella truck wash, with estimated value of \$80,000.00 as per Engineers report. CARRIED</p>

13.2 WET WEATHER ROAD CLOSURE POLICY
<p>RESOLUTION 034/23 Moved: Cr P Alexander Seconded: Cr P Taylor</p> <p>That Council accept and adopt the Wet Weather Road Closure Policy. CARRIED</p>

13.3 REQUEST FOR PERMANENT POSITION - AUGATHELLA LABOURER
<p>RESOLUTION 035/23 Moved: Cr R Eckel Seconded: Cr M McKellar</p> <p>That Council agrees to create a fourth labourer full-time permanent position for Augathella/Morven CARRIED</p>

14 CORRESPONDENCE FOR CONSIDERATION

Nil

15 CONFIDENTIAL MATTERS

Nil

16 CLOSURE

There being no further business the Mayor declared the meeting closed at 12.55pm.

4 BUSINESS ARISING FROM MINUTES

5 MAYORAL MINUTE

Nil

6 NOTICE OF MOTION

Nil

7 CORRESPONDENCE FOR MEMBERS' INFORMATION

Nil

8 DECLARATION OF CONFLICTS OF INTEREST

9 UPDATE/CHANGE TO COUNCILLOR REGISTER OF INTEREST

10 CORPORATE & REGULATORY

10.1 HUMAN RESOURCES REPORT

Author: Human Resource Manager
Authoriser: Director Corporate & Regulatory Services

RECOMMENDATION

1. That Council receives the Human Resources Report

BACKGROUND

Recruitment

Resignation

Sujith Surapaneni

Appointments

Labourer – Philip Grace

Multiskilled Operator – Trevor Gorrige

Age Care Coordinator – Charmaine Thureson

RESQ Traineeships 12 months

Tourism Cert ii Business Admin – Tahnee Shirvington

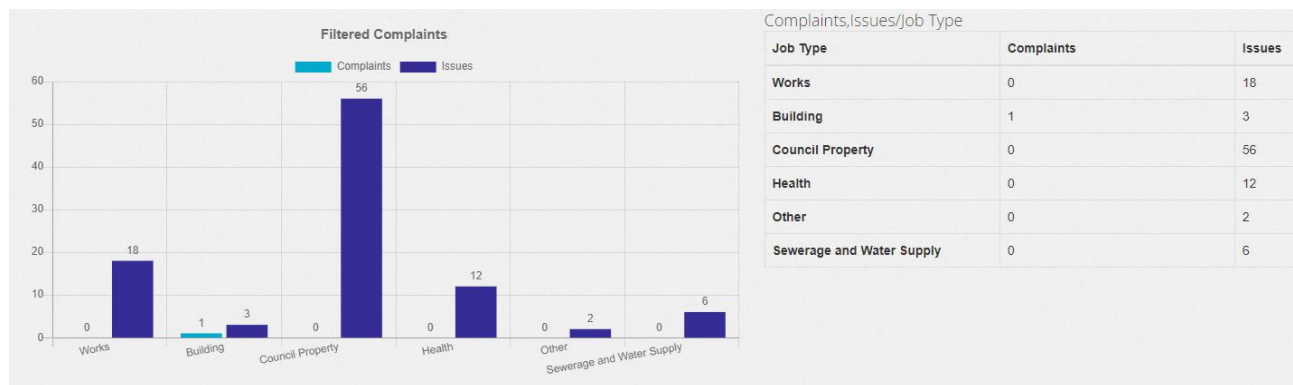
Horticulture Traineeship - Michael Harrigan

Overtime

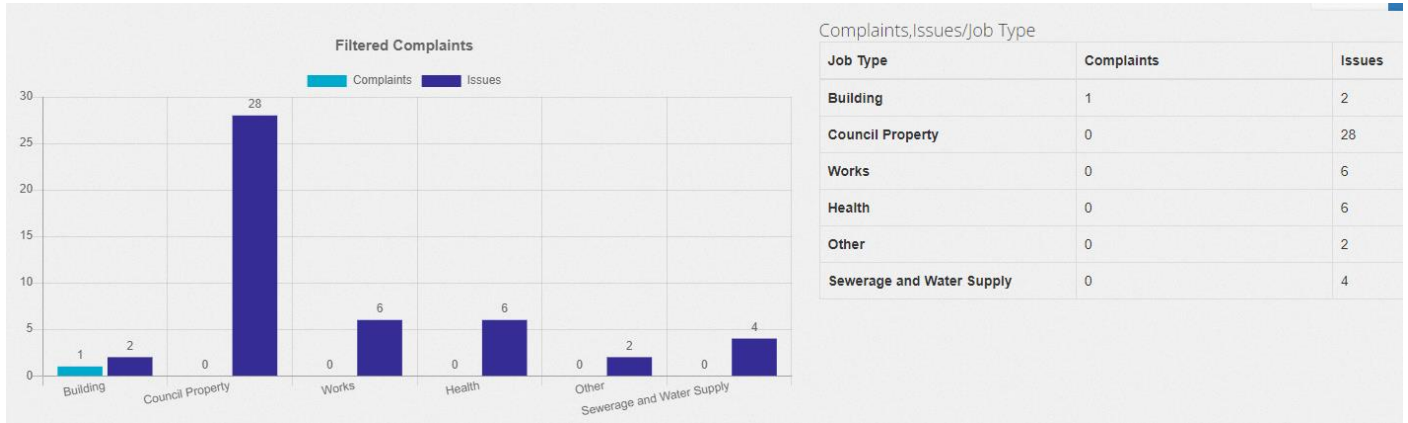
Pay Period	Dates	Hours	Amount	Hours	Amount
9-10	10/09/22 to 04/11/22	328	17,423	600	31,084
11-12	05/11/22 to 02/12/22	575	28,481	566	27,982
13-14	03/12/22 to 31/12/22	461	23,864	214	11,729
15-16	01/01/23 to 27/01/23	277	15,162	371	18,326
17-18	28/01/23 to 24/02/23	306	15,514	583	28,452

Guardian Customer Request Report

Work Requests/ Issues



Resolved Work Request



Job Type	Complaints	Issues
Building	1	2
Council Property	0	28
Works	0	6
Health	0	6
Other	0	2
Sewerage and Water Supply	0	4

LINK TO CORPORATE PLAN

1.3.1 Council has in place operational systems and capacity to deliver strategic priorities and core operations.

ATTACHMENTS

Nil

10.2 QUEENSLAND HOUSING STRATEGY 2021 - 2025 - LOCAL HOUSING ACTION PLAN

Author: Director Corporate & Regulatory Services

Authoriser: Councillor

RECOMMENDATION

That Council adopts the Queensland Housing Strategy 2021 – 2025 Local Housing Action Plan
Murweh Shire Council

BACKGROUND**Purpose**

The *Queensland Housing Strategy 2021 – 2025 - Local Housing Action Plan* (the Plan) has been developed through a joint initiative involving the Queensland Government, Murweh Shire Council (Council) and the Western Queensland Alliance of Councils (WQAC), to respond to a range of immediate, emerging and longer-term housing challenges in the Murweh Shire.

The Plan seeks to identify opportunities, consider an agreed response, develop targeted actions on key priorities and enable ongoing effort to adapt and respond to changing needs of the community.

The Plan aims to:

1. **develop agreed priority actions** to respond to housing need,
2. **establish strong foundations for longer-term housing responses** to assist housing and homelessness outcomes in the Murweh Shire into the future.
3. **incorporate existing information and plans** that assist with developing responses to housing need and acknowledge work already completed by the Council, State Agencies, private and not-for-profit organisations.
4. **facilitate targeted interaction between all parties through agreed actions** to ensure a focus on deliverables and projects that can improve housing responses in the short and longer-term.

Discussion

The plan provides an overview of key community and housing characteristics, and emerging issues related to housing in the community. It identifies an initial set of priority actions to respond to housing needs. It has been developed through a review of a range of supporting documentation including:

- *Regional Infrastructure plans*
- *Murweh Shire Council Planning Scheme*
- *Relevant Council strategy reports and plans*
- *Statistical data via the Queensland Government Statisticians Office, including Census and other data sets such as building approvals, rental market data, housing approvals*
- *Housing needs data from the Department of Communities, Housing and Digital Economy and other state agencies as required*
- *The Queensland Housing Strategy 2017-2027 and the Housing and Homelessness Action Plan 2021-2025.*
- *Other local data and information such as RAI reports*

Consultation

The following individuals, groups and entities have been consulted in the development of this report.

- Murweh Shire Council – elected officials, CEO and executive
- South-West Queensland Regional Organisation of Councils
- Western Queensland Alliance of Councils
- Queensland Government Statisticians Office
- Southwest Health and Hospital Services
- Department of Energy and Public Works (QBuild)
- Morven Progress Association
- Augathella Progress Association
- Charleville Community Centre
- Department of Communities, Housing and Digital Economy

Financial Risks

Nil – This Plan was funded by Queensland Government, the outcomes of this plan will lead to the development of targeted and cost-effective effective projects to address the housing shortage within the Murweh Shire Council and the South West Queensland Region.

Environmental Risks

Nil – not applicable.

Social Risk

Low - A local housing action plan enables engagement across all levels of government, and benefits from partnerships between private and not-for-profit organisations to address social risks associated with housing shortages.

An initial set of tactical actions has been developed, enabling refinement through an ongoing process. These actions provide for a targeted response and outcomes that will seek to either create immediate benefit or establish a foundation for the next phase of actions.

Legal Risk

Low – The Plan outlines numerous specific actions which Murweh Shire Council must undertake to ensure that legal obligations are achieved during the process of delivering projects which address the housing crisis.

LINK TO CORPORATE PLAN

- 1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .

- 4.1.1 Encourage and facilitate targeted population retention and growth, underpinned by liveability and employment opportunities.

ATTACHMENTS

1. **Queensland Housing Strategy 2021 - 2025 Local Housing Action Plan, Murweh Shire Council** [↓](#)



Queensland Housing Strategy 2021–2025 Local Housing Action Plan (Final Draft)

Murweh Shire Council

www.murweh.qld.gov.au

February 2023



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Introduction

Introduction

This Local Housing Action Plan (the Plan) is developed through a joint initiative involving the Queensland Government*, Murweh Shire Council (Council) and the Western Queensland Alliance of Councils (WQAC) to respond to a range of immediate, emerging and longer-term housing challenges in the Murweh Shire.

This is an iterative process that does not intend to duplicate existing actions of Council or the actions under The Queensland Housing Strategy Action Plan 2021-2025. It seeks to identify opportunities, consider an agreed response, develop targeted actions on key priorities and enable ongoing review of effort to adapt and respond to changing need.

The Plan aims to:

1. **develop agreed priority actions** to respond to housing need,
2. **establish strong foundations for longer-term housing responses** to assist housing and homelessness outcomes in the Murweh Shire into the future.
3. **incorporate existing information and plans** that assist with developing responses to housing need and acknowledge work already completed by the Council, State Agencies, private and not-for-profit organisations.
4. **facilitate targeted interaction between all parties through agreed actions** to ensure a focus on deliverables and projects that can improve housing responses in the short and longer-term.



Approach and methodology

The plan provides an overview of key community and housing characteristics, and emerging issues related to housing in the community and identifies a targeted initial set of priority actions to respond to housing need. It has been developed through a review of a range of supporting documentation including:

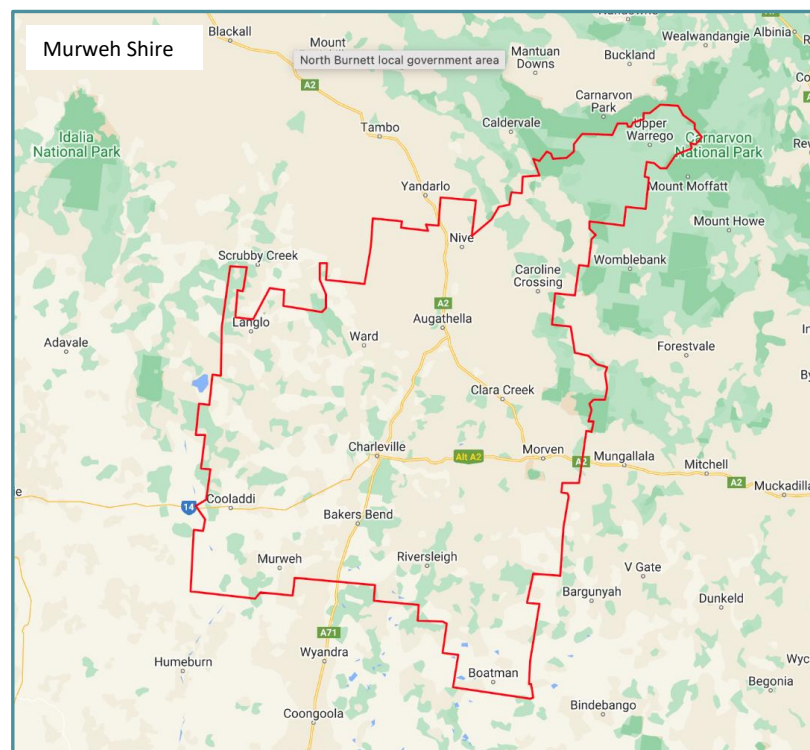
- Regional Infrastructure plans
- Murweh Shire Council Planning Scheme
- Relevant Council strategy reports and plans
- Statistical data via the Queensland Government Statisticians Office, including Census and other data sets such as building approvals, rental market data, housing approvals
- Housing needs data from the Department of Communities, Housing and Digital Economy and other state agencies as required
- *The Queensland Housing Strategy 2017-2027* and the *Housing and Homelessness Action Plan 2021-2025*.
- Other local data and information such as RAI reports

Emerging issues and opportunities, key challenges, and potential responses have been developed from review of a range of data sets, anecdotal feedback and preceding engagement opportunities with Council and other stakeholders.

* The Queensland Housing Strategy Action Plan 2021-2025

Murweh Shire Council key details

- Murweh Local Government Area (LGA) has a total land area of 47,828 km².
- Charleville is the main population centre and is located approximately 786km, or 9-hours' drive, west of Brisbane.
- The shire also has smaller localities of Augathella, Cooladdi and Morven.
- The agriculture industry is the primary focus through beef, sheep and goat production.
- The region also has a growing tourism sector, with visitors drawn to scenic landscapes, wildlife, cultural experiences, historic sites and clear skies.





Key Community Characteristics

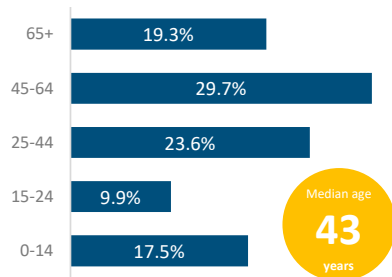


Key Demographic Characteristics

Estimated resident population is **3971** and is projected to increase to **4044** by 2041 (1.84 %)

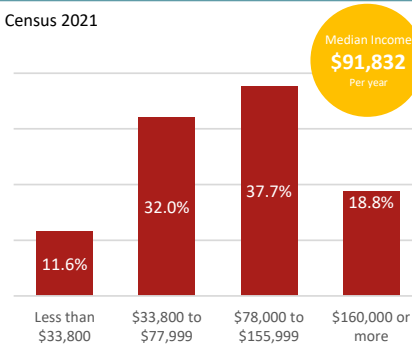
Age

Census 2021



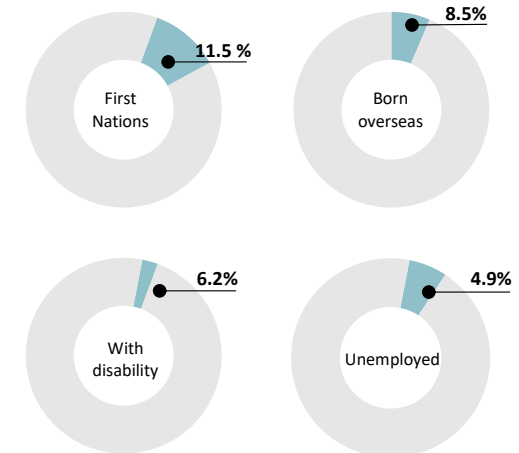
Family Income

Census 2021



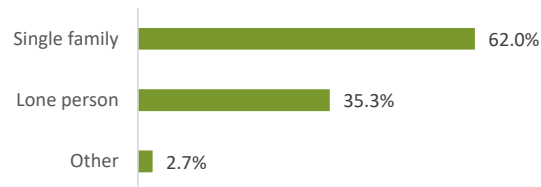
Other characteristics

Census 2021



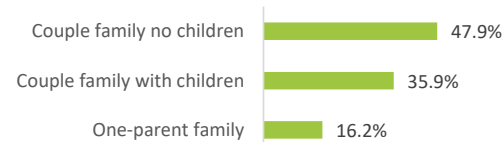
Household composition

Census 2021



Family composition

Census 2021



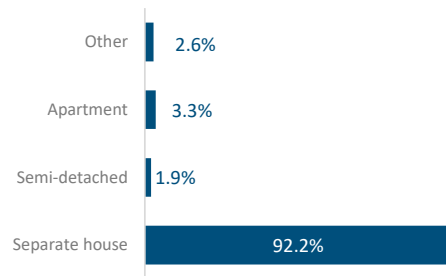


Key Housing Characteristics

Total Occupied dwellings (2021) 759

Dwellings by Structure

Census 2021



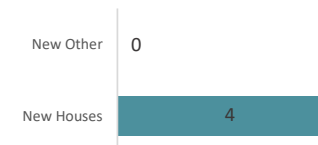
Median rent

Census 2021



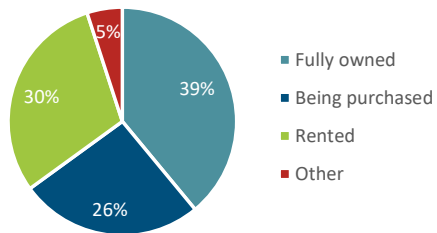
Building approvals

12 months to 30/06/22 - ABS



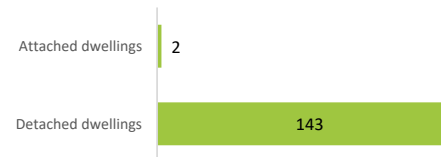
Dwellings by Tenure

Census 2021



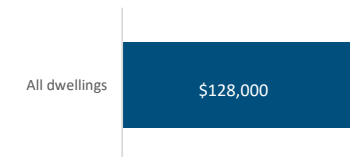
Number of sales

12 months to 30/06/22



Median Sales Price

12 months to 30/06/22





Key focus areas identified

Areas of emerging concern have been determined through a review of existing data and engagement with stakeholders as identified in the methodology. These concerns will be considered when identifying and prioritising shared actions.

1. Housing Availability

Housing demand in Murweh Shire is based on growth of government and Council employees as well as social and affordable housing. In the region 63.6% of private occupied dwellings are owned compared to 63.5% in Queensland and of these properties 25.1% are owned with a mortgage.

Occupied dwellings at the 2021 census represented 81% of the housing stock while unoccupied dwellings were 19% (ABS). While this represents a single point in time it may continue to be representative of the current position, however, the percentage of unoccupied dwellings is likely to be lower. This figure needs to be further investigated as it is not the experience on the ground.

The breakdown of the housing situation in terms of detail of utilisation and supply in 2021 is as follows:

- Households with families represented 68% of the households
- Single-person households made up 28.9%
- Detached houses made up 93% of the dwellings
- Semi-detached dwellings were 6%
- Units were 1% of the total dwellings
- The average number of bedrooms per dwelling was 3.3
- The average number of people per household was 2.5.

The ratio of availability of beds to persons per dwelling suggests sufficient capacity if dwelling mix aligns with demand structure. This situation would indicate a focus on the provision of smaller two-bed semi-detached dwellings and units for future housing stock supply, however, Council would still prefer to consider a mixture of housing to encourage families to further develop the community.

Currently, there are 91 dwellings for sale in Charleville with prices between \$100,000 and \$400,000. House sales over the past decade have ranged between 40 and 60 houses annually with median sale prices as low as \$70,000 and as high as \$145,000(RAI). The median house price has recovered from the low price of \$65,000 in 2019, to \$105,000 in 2021(RAI). The more recent peak may have been influenced by both drought recovery and the COVID pandemic, which may have influenced a trend of relocations to regional areas.

Fifty-five dwellings were sold in the past 12 months with a median price ranging between \$120,000 for a two-bedroom unit, up to \$217,000 for a four-bedroom house. There is no specific housing detail for Morven or Augathella, and there was no recent house construction activity evidenced.

The housing stock has aged, and its standard has not been maintained to attract investment and capital return other than from rental income. While land prices are low, costs of construction are substantial due to material supply logistics and limited local housing construction contractors in the region. There have been 16 private houses constructed in the region between 2016 and 2021.

Council has been considering future expansion of its residential land for new higher standard housing. State land adjacent to the most recent residential development has the potential to allow for expansion of the existing development and Council has already expressed its interest in future developing of this land.

Response opportunities

Focus on immediate housing responses to the current housing shortage through:

- Identification and repurposing of underutilised properties for accommodation
- Construction of temporary accommodation
- Leasing properties as they become available, while developing longer-term resilient and sustainable housing options that can underpin the economic development of the region.
- State and Federal Government review of financial support to provide financial options that are more attractive to home buyers and local house investors.
- Infrastructure planning is required to undertake greenfield development to add additional lots for housing and the development of a business case for funding support.
- Provision of a higher proportion of two-bedroom semi-detached units in the housing supply mix for singles and single parent families to be considered.

2. Rental Market


Almost all Local Government Areas (LGAs) in Queensland are considered to have 'tight' rental markets (characterised by a vacancy rate under 2.5%). Over three (3) quarters of Queensland LGAs (77%) have vacancy rates under 1% as at December 2021. The current vacancy rate (as at August 2022) in Charleville is 0.0%. Rented dwellings represent 33% of the total dwellings which aligns with the Queensland rate of 33% in 2021 (ABS).

Charleville's rental market has virtually collapsed with only one (1) unit advertised as available through private rentals in the town. The single real estate agent has a total of 228 dwellings under rental management. New construction for private rental to increase the market is unlikely to be financially viable in the immediate future.

Renovation of existing rental stock to improve the standards is costly and unattractive for private investors looking for reasonable returns. Concerns were expressed about the changes to tenancy laws which appear to have influenced decisions on property management with some unoccupied houses being excluded from the rental market.

Current rental prices vary from around \$200 to \$350 per week. Council age pensioner units are rented in the order of \$100 per week under subsidised assistance. Low income and supported individuals and families have limited entry into the private rental market. Their only option is to seek access to social housing alternatives. Social housing development increases options for those most susceptible to private market challenges and reduces demand on lower-priced private properties.

Vacant disused commercial buildings may also provide opportunities for repurposing into managed single bed accommodation with shared facilities. Council has been proactive in this area by approving the change of use of the former Charleville Hotel which has been converted into a boarding house, accommodating visa workers who are employed at the expanded meatworks. Council has also assisted in the development of flats above a commercial building in the CBD. Five employees of The Royal Flying Doctor Service are accommodated in this development and the owner is considering construction of an additional 17 flats in this building. There are numerous other commercial buildings in Charleville that could be investigated for repurposing into residential accommodation.



Recent development at Morven could be an example for other small towns. The Morven Ratepayers Association has taken over 4 houses which they rent and are gradually renovating. The Association rents 1 of the houses to Queensland Health. Due to the lack of rental accommodation in Augathella, Council also has been renting 2 aged pensioner units to Queensland Health displacing access to the intended users. This situation also occurs in Charleville where Council also rents 1 of its aged pensioner units to Queensland Health.

As the demand for employee rentals increase for transient fixed contract staff, local community rental demand is challenged. Anecdotally, it was noted that this situation results in increased rental prices for houses with reasonable liveability quality.

Response opportunities

- Consideration is to be made on bringing forward any proposed social housing projects to increase rental stock and free up lower cost rentals for market availability.
- Investigation of the current rental supply market and the currently unoccupied dwellings to identify opportunities that bring additional “hidden” rental supply into the market is to be considered.
- Investigation of vacant disused commercial buildings could also be considered to repurpose their use for single bed facilities, reducing the instances of single renters utilising multi bed dwellings.


3. Social Housing Supply

There is a high demand for social housing across Queensland and allocations are focussed on supporting households with the highest need. Median household incomes in Charleville are \$1,294, compared to the Queensland median of \$1,675. The total income for 24.8% of households is less than \$650 per week compared to the Queensland figure of 16.4% (ABS) and the income for 12.9% of the households which exceeds \$3,000 per week is well below the State average of 21.9%. As a consequence, it is understood that the social housing demand in Charleville is very high with a long-term waiting list.

Low income, supported individuals and families find it difficult to enter the private rental market when the minimum weekly rent exceeds the target of 30% of their household income, making it unlikely that they can avoid financial stress. Details from ABS (2021 census) recorded that 71.0% of households in Murweh have rental charges of less than 30% of their total income, while there were 14.5% of households with rental costs greater than the 30% indicator of rental stress.

Social housing is managed by the state government in Murweh and has a stock 61 dwellings located in Charleville. Council operates the South-Western District Retirement Village, which has 21 dwellings (consisting of 3 houses and 18 units), being utilised for social and affordable accommodation.

Interviews conducted with local stakeholders indicate that some community members may have withdrawn from making applications for social housing until they are aware of houses becoming available. It is noted that these applications for social housing are received at the Courthouse. Concern has been raised regarding the clash of circumstances in visiting the Courthouse. Opportunities for management through local oversight and support have been raised in the community interviews.



Overcrowding and “couch surfing” has been raised in numerous interviews. The interviewees consider that these situations aggravate social issues causing other unintended consequences, such as family and domestic violence. Also, this limited availability of housing may also be resulting in persons relocating from the region.

Supply limitation results in unintended demand management. Increasing supply and reducing vacancy time, rather than reducing demand, is one of the main focuses to rectify the social housing shortfall. The number and type of dwellings will also impact on the ability to house as many persons as possible. Suggestions were received during the interview process that the provision of more single and double units or combination units will avoid tying up larger numbers of three-bedroom dwellings to house sole inhabitants.

Solutions to social housing issues were proposed during community interviews in a number of LGA’s and are as follows:

- Increased rental stock through partnerships with community/social housing providers.
- Review tenancy management including increased frequency of inspections.
- Possible use of local community housing provider services.
- Create partnerships with lessees to look after dwellings.
- Construct single temporary accommodation with support services on site.
- Repurposing commercial buildings for residential use.
- Tenants moving away but retaining leases for possible return needs to be monitored and managed.
- Lease agreements to be both partners names to avoid a single person retaining the house as a result of a partnership break up.
- Review of the Rental Purchase Plan Housing Scheme for increased ownership of social houses with reduced operational and damage costs.
- Consideration of mental health issues associated with lack of housing.

Response opportunities

- Investigation of options to urgently address short falls, such as the provision of temporary single/double units.
 - Consider alternatives to tenancy management and the engagement of local management partnerships with a focus on tenancy performance in order to minimise repair costs.
 - Review of the Rental Purchase Plan to increase ownership of social houses and reduce operational and damage costs.
 - Investigate partnerships with social/community housing providers for development of private facilities on Council land.
-

4. Aged Housing and Care

Council provides aged pensioner housing in the area. Twelve houses are provided in Charleville, 10 units are provided in Augathella, and 2 units in Morven, which are managed by the Morven Progress Association. Council has added to its aged housing dwellings in Charleville by retaining houses acquired through the sale of properties for rate arrears of rates.

As noted above, Queensland Health currently rents 2 council owned units in Augathella and 1 house in Charleville as there is no alternative accommodation available in those towns. Notwithstanding the benefits of enabling these officers to reside in the communities this situation has reduced the availability of aged persons accommodation in these locations.

The South West Retirement Village, managed by a not-for-profit organisation, operates an 18-unit facility. Demand for additional units is currently unknown and will need to be defined. The number of aged persons residing in social housing and those in home care may provide an indication of future demand.

The South West Hospital & Health Service operates the Waroona Nursing Home which is a 45-bed facility.

Response opportunities

- Demand assessment for aged and retirement housing is to be completed, assisting in forward planning and investment in this sector.
- Construction of government employee housing in Augathella and Charleville should return government utilised aged pensioner units into the housing stock.

5. Employee Housing

In order to employee appropriately skilled and suitable job applicants, employers are required to prioritise attraction and retention incentives such as housing when housing stock is limited, and the standards do not match accommodation expectations.

Relocating employees' families away from more populated areas creates stress and therefore availability of good-standard housing assists in this transition and work performance. Council provides houses for 3 executive officers. These houses are leased following the calling of expressions of interest from the private sector to construct new houses to specified standards on land given over by the Council. Long term leases (5 plus years) provide Council with secure tenancy at a negotiated rental cost relieving councils of the Capex and Opex expenditure of property ownership. At the end of the lease period the process is repeated securing new houses for executive staff whilst releasing high quality housing stock into the private rental market.

The State Government supplies housing for its employees under 2 systems. GEH provides a range of housing types for government employees in government owned dwellings. The majority are provided for Police, Health and Education. In addition, these departments provide “operational housing” for staff where located on operational sites e.g., police stations, hospitals and schools. They also rent housing in the private market. Table 1 provides current GEH supply and demand data for Murweh Shire.

As indicated previously (Section 2. Rental Market) Queensland Health privately rents properties in Morven, Augathella and Charleville as demand has exceeded available GEH or departmental supply. Provision of accommodation by GEH and departments in this type of situation should release these properties for their original use as community or social/aged persons housing.

GEH have provided a current list of housing demand in western Queensland local governments. It is proposed that 1 additional house be constructed in Augathella; and seven 7 additional houses as well as 2 units in Charleville. It is understood that construction on the units has commenced. It is not known whether these dwellings will replace the current use of Council housing or reduce any private houses which are currently leased by Queensland Health.

Employment housing policies and practices vary across departments. It is understood Queensland Police does not have a policy obligation to house its employees, however, they do provide dwellings attached to police stations for their employees. Queensland Health’s employee housing policies mean there are few rental dwellings that meet their requirements. Queensland Health is therefore considering alternative arrangements to secure appropriate housing, such as, seeking out acceptable dwellings and entering long term leasing agreements, as well as providing employee housing assistance.

Security of accommodation for these essential workers has been raised as a concern particularly for police and health workers. This issue has resulted in the establishment of shared accommodation in some circumstances.

Private employee housing was not evidenced, however as previously stated, the meat works visa employees are being housed in the repurposed Charleville Hotel.

Town	GEH Housing Supplied	GEH Housing Demand
Charleville	81	9
Augathella	1	1
Morven	4	0

Table 1: GEH housing supply and demand in the Murweh Shire

Response opportunities

- Consideration to be made on the supply and demand of government employee housing and opportunities for additional rental housing if more government employee housing is made available.

6. Cohort Specific Housing

The following cohort specific housing has been identified as requiring to be addressed in Murweh Shire.

- Domestic and family violence
- Disability
- Youth homelessness
- Family homelessness
- Sleeping rough

There are 5 crisis housing properties available in Charleville for any of the above cohorts. These houses are managed by the Charleville Neighbour Centre, which is a not-for-profit organisation. The Centre suggests another three (3) plus houses are required. However, the Centre may not have sufficient resources to oversee any additional houses and may require additional funding.

One of the higher demands recognised as requiring crisis housing is domestic and family violence victims or perpetrators. Due to current supply and demand, some of these persons are housed with other family or friends; in motels; or transported to Roma or Toowoomba when no alternative option is available. As discussed in the interviews, none of these options provide suitable outcomes.

There appears to be low demand for disability housing with only 1 person with a disability housed in 1 of Council's aged persons duplexes in Augathella. However, a demand analysis is required to adequately determine disability housing cohort requirements.

Homelessness does not appear to be a major factor impacting on the communities in the shire. "Couch Surfing" by young singles seems to avoid the occurrence of youth homelessness, and overcrowding avoids family homelessness. There has been no evidence raised in regard to sleeping rough. Charleville and Western Areas Aboriginal and Torres Strait Islander Community Health (CWAATSICH) raised concern that overcrowding is causing family issues, including mental health problems.

Response opportunities

- Investigation to be completed into crisis housing in Charleville for cohorts of domestic and family violence in order to identify the need for such housing as a priority.
 - Disability housing requirements should also be further investigated.
 - Evidence of the extent of family and youth homelessness that results in couch surfing and overcrowding should be quantified to further validate social housing demand estimates.
-



7. Future Housing Demand

Growth in the existing meatworks will require additional future accommodation. The current solution of repurposing an existing closed hotel is an effective solution for current workers, and dependant on the type of workers employed other solutions may be required.

Other future developments, such as the resources sector, will also require specific solutions on how companies staff their developments such as site camps. If conventional local employment is utilised, Council will have to plan for land development in readiness for housing options. Therefore, flexibility in these housing options will make economic development in the region from future resource development more attractive.

Response opportunities

- The proposed expansion of the meatworks at Charleville may have further social and economic impact to the town. Flexible approaches to the housing requirements to service this growth will need investigation. Council should continue to encourage local innovative solutions to the housing demand.



Response Opportunities

A local housing action plan enables engagement across all levels of government, and benefits from partnerships between private and not-for-profit organisations.

An initial set of tactical actions has been developed, enabling refinement through an ongoing iterative process. These actions provide for a targeted response and outcomes that will seek to either create immediate benefit or establish a foundation for the next phase of actions. More specific responses then can be determined that provide flexibility in delivery and support each of the broad areas identified.

Response opportunities

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Actions

The Murweh Shire Council with the support of the Queensland Government through the Queensland Housing and Homelessness Action Plan 2021-2025 is committed to engage in the delivery of its initial Local Housing Action Plan through this set of actions, developed to target immediate to longer term housing responses. This is an iterative process, and these actions and target outcomes will seek to either create immediate benefit or to establish foundations that help respond to ongoing housing need.

1	Land	Timeline Starting in March 2023 (months)
1.1	Conduct detailed assessment of current Council and State residential land and buildings to support immediate development of temporary housing provision including repurposing of existing buildings to address the present housing crisis.	6
1.2	Review other land holdings (vacant or disused buildings) to identify lots that would be suitable for permanent development and/or redevelopment/repurposing to support short and longer-term housing outcomes.	12
1.3	Investigate the provision of additional residential land in conjunction the State on unallocated state land.	12

2	Planning	
2.1	Undertake, in conjunction with the Queensland Treasury Corporation (QTC) and WQAC, an analysis of the LHAP Data Collection for Murweh Shire to assist in the assessment of housing needs and the identification of opportunities in relation to regional collaboration in addressing housing needs across both public and private sectors.	6
2.2	Review regional and local planning schemes to meet housing needs objectives through review of local density aspirations, opportunities for secondary dwellings on existing blocks, mixed use development options, repurposing unused commercial space, types of construction permitted, and any other specific initiatives to address future housing needs.	12

2.3	Prepare a draft Murweh Shire Council Housing Strategy with targeted action for the next 10 years in consultation with the community, business sector and government agencies and informed by other policy settings such as infrastructure and servicing, transport, economic development and environmental management.	12
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3	Optimisation	
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3.1	Council and State Government investigate and coordinate options to develop under-utilised sites in partnership with the not-for-profit sector, private sector including employer housing providers, and with Federal Government assistance having regard to the assessment of under-utilised land and buildings and the housing needs assessment.	12-24
3.2	Assess use of possible lease, purchase, new for old land exchange, redevelopment, change of use or renovation of existing buildings to optimise community outcomes that support housing need.	12
3.3	Council continue to consider innovative means to repurpose unused commercial space for conversion into residential occupancy.	12

4	Master planning	
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4.1	Consider master planning of identified options to ensure resilient development meets community expectation of how its town acknowledges its heritage. The planning may be at allotment, street, or locality level.	12-24
4.2	Investigate master planning of suitable housing accommodation for the future employees of the meatworks expansion and resources sector in conjunction with the State Government.	12

5	Supports	
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5.1	Federal Government provide programs/funding/incentives to encourage and assist local youth to take on trades in the local building industry.	12-24
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5.2	State and Federal Governments provide financial assistance in grants for rural and remote LGA's to support provision of employee housing to reduce the financial burden on communities in meeting these additional costs and obtaining equitable access to essential services.	12
5.3	State Government to ensure there is sufficient housing of an acceptable standard in rural and remote LGA's for State Government agency and service staff to minimise the impact on the general housing markets.	5 years

6	People in need	
6.1	Consider how Specialist Disability Accommodation (SDA) can be incorporated into existing properties where required and future developments.	12-24
6.2	Undertake a detailed needs assessment, having regards to the Data Collection findings, to determine necessary action for any specific identified cohorts such as young people, individuals and households; in response to family and domestic violence situations by way of immediate support for crisis housing on a temporary or more permanent basis.	12-24
6.3	Undertake an assessment of aged person housing demand and resolve stakeholder roles for aged person housing delivery.	12-24

7	Construction	
7.1	Identify opportunities to enable housing construction in the private market and social housing including the use of non-traditional housing options in response to emergent need. However, in the longer-term the built form needs to be reflective of the traditional housing character in the towns but using more sustainable and resilient materials.	12-24
7.2	Encourage housing development which may repurpose existing commercial properties for specific cohorts to address emerging needs.	12



8	Capital solutions	
8.1	Develop capital solutions in partnership with the State and Federal Governments through land provision and funding partnerships to construct and manage delivery of current and future housing needs having regard to the recommendations of the RAI-WQAC Western Queensland Housing Solutions Report – September 2021.	12-24
8.2	Develop funding partnerships with not-for-profit social housing providers to deliver short term outcomes for specific cohorts in the interim with longer term plans being incorporated in the arrangements.	12-24
8.3	Engage with private land owners and developers with land opportunities to maximise use of existing underutilised land without having to develop costly green field sites thus promoting a gradual improvement in the quality of the housing stock.	12-24



Next steps

Establish a Local Housing Action Plan Working Group of key representatives from Council, relevant State agencies and community organisations, to oversee and progress actions, review findings, report quarterly on progress and further develop the LHAP in an open partnership to address and ultimately resolve the housing challenge.

10.3 FINANCIAL REPORT 28 FEBRUARY 2023**Author: Accountant****Authoriser: Director Corporate & Regulatory Services****RECOMMENDATION**

That Council receives the financial report for February 2023.

HIGHLIGHTS OF THIS MONTH'S FINANCIAL REPORT:**Report - Period Ending 28 February 2023****Revenue**

Total revenue of \$ 22.8M to 28 February represents 47 % of the total budget of \$49.0M.

These statements are for 8 months of the financial year and generally would represent 67% of the overall budget.

Actual revenue year to date is behind at 47%. This is mainly due to FAG advance payment is generally received during the month of June. There is also a receivable of \$663K from QRA and \$299K from MRD which is not yet accounted for in the system.

Expenses

Total expenditure of \$ 22.4M to 28 February represents 77 % of the total budgeted expenditure of \$29.3M.

Actual expenses of 77% are over the year to date of budget of 67% because of expenses that are paid on an annual basis, example insurance, work cover, subscription, registrations, etc. In addition, actual depreciation year to date is greater than the budget. This is due to the impact of indexation completed in 2021-22 financial year, which will be included in the next budget review (approximately \$300K).

Outcome

There is currently a cash balance of \$ 5.1 M. Please note that funding from LRCIP 1 and 2 final payment remains outstanding as of February amounting to \$ 662K.

Restricted cash – grant not yet spent: \$ 3.8 M (last month \$ 4.2M), a decrease of \$ 337,442.

Actual unrestricted/surplus cash: \$ 1.3 M. The downward trend result for the month is due to flood works, recoverable works (MRD) and LRCIP 1 and 2 funding still outstanding as at end of February 2023.

Please note that net cost to operate the tourism facilities at the end of February was \$ 775,728, which is over the YTD budget of \$ 653,642.

Capital Works

See the Capital Funding Report 2022 – 23 for details of all projects.

1. **Cash Position**
2. **Monthly Cash Flow Estimate**
3. **Comparative Data**
4. **Capital Funding – budget V’s actual**
5. **Road Works – budget V’s actual**

1. Cash Position as at 28 February 2023

CASH AT BANK					
Operating Account				\$46,227	
SHORT TERM INVESTMENTS					
National Bank of Australia			\$	-	
QTC Cash Fund				\$5,068,192	
		Total	\$	5,114,419	
The following items should be backed by cash and investments, plus any increases in the surplus of Debtors over Creditors.					
Cash backed Current Liabilities (AL,LSL,SL,RDO)				\$2,320,418	
Restricted cash - grants received not yet spent				\$3,850,520	
			\$	6,170,938	
Balance of estimated rates/other debtors - estimated creditors :					
	(\$6,549,769	-	\$843,427)	\$ 5,706,342
Plus cash surplus	\$	5,114,419	-	\$ 6,170,938	-\$ 1,056,519
Working Capital				Total	\$ 4,649,822

2. Monthly Cash Flow Estimate: - March 2023

Receipts		Expenditure	
Rates	\$1,000,000	Payroll	\$800,000
Fees & Charges	\$25,000	Creditor Payments	\$1,000,000
Debtors	\$150,000	Loan Payments	\$50,000
Grants/Claims/Loan QTC	\$900,000	Lease Payments	\$0
Total	\$2,075,000	Total	\$1,850,000
Therefore cash is expected to increase by		\$225,000	in the period.

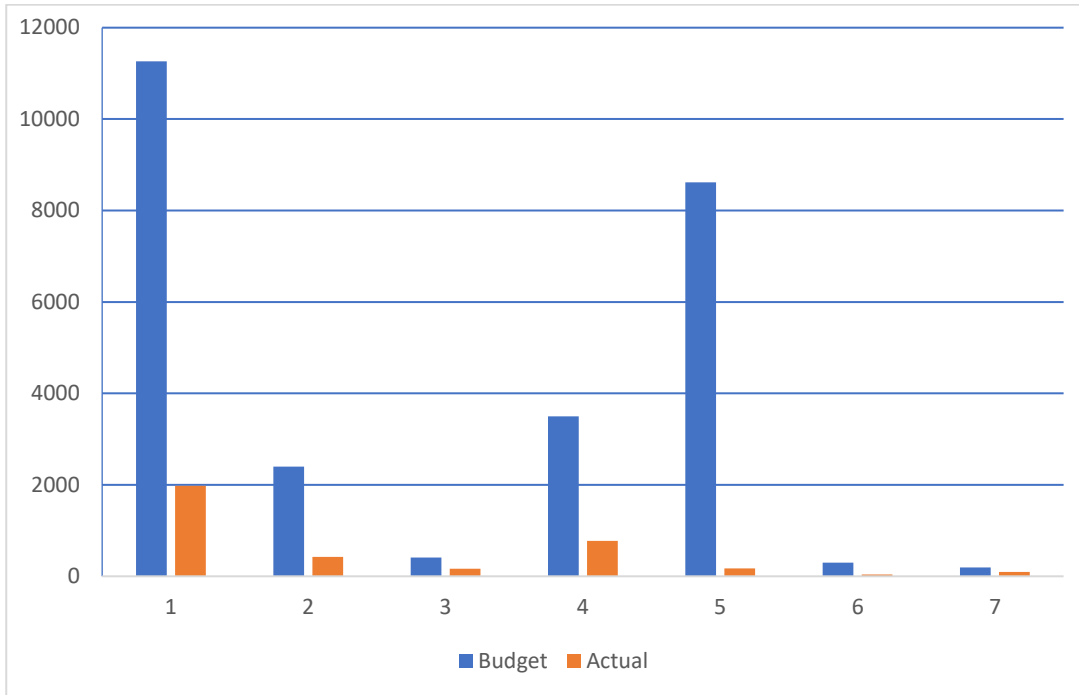
3. Comparative Data for the month of February 2023

Comparative Year	2023	2022	2021
	\$000	\$000	\$000
Cash position**	\$ 5,114	\$ 1,860	\$ 8,809
Working capital	\$ 4,650	\$ 5,854	\$ 5,489
Rate arrears*	\$ 4,327	\$ 4,134	\$ 4,268
Outstanding debtors	\$ 134	\$ 416	\$ 539
Current creditors	\$ 515	\$ 143	\$ 362
Total loans	\$2,774	\$2,946	\$2,003

**Net of rates paid in advance of \$157,137.*

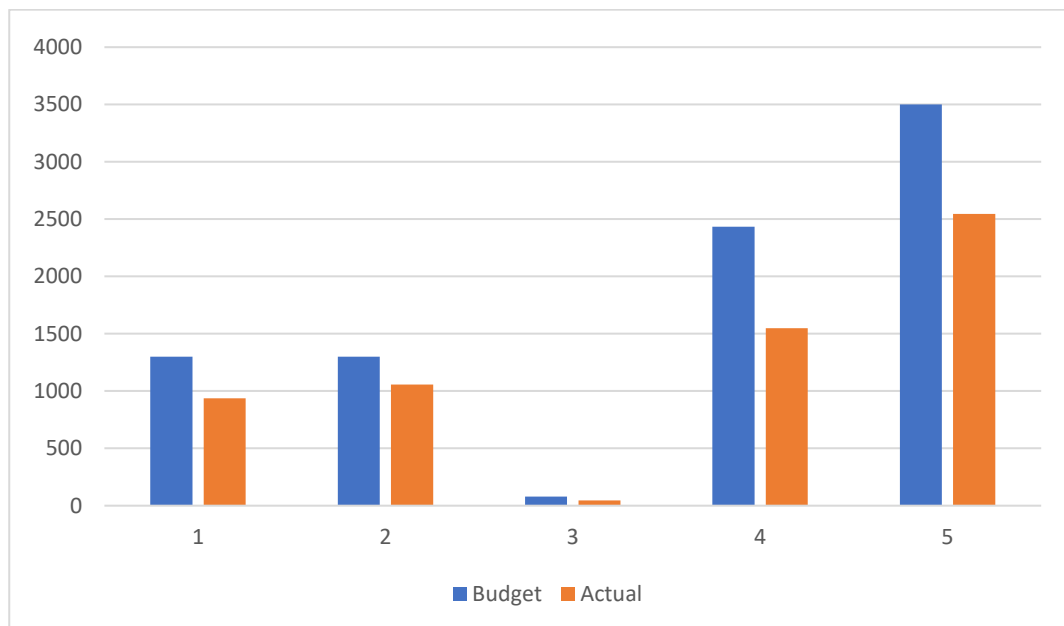
***Cash position high due to receipt of BBRF, LGSSP funding and LRCIP 3.*

4. Capital Funding: Year to 28 February 2023



	Budget \$(000)	Expended YTD Actual \$(000)	% of Budget Expended
Total Capital Funding	\$26,684	\$3,650	13.68%
1 Buildings / Other Structures	\$11,267	\$1,978	17.56%
2 Plant & Equipment / Furniture & Fittings	\$2,400	\$422	17.58%
3 Airport Upgrade	\$410	\$166	40.49%
4 Roads & Drainage Infrastructure	\$3,499	\$778	22.23%
5 Water & Sewerage Infrastructure	\$8,614	\$173	2.01%
6 Office/Other Equip	\$300	\$40	13.33%
7 QTC - Loan Redemption	\$194	\$93	47.94%

5. Road Works Expenditure: Year to 28 February 2023



		Budget \$(000)	Expended YTD Actual \$(000)	% of Budget Expended
	Total Road Expenditure	\$8,613	\$6,133	71%
1	Rural Roads	\$1,300	\$937	72%
2	Town Streets	\$1,300	\$1,056	81%
3	Private Works	\$80	\$46	58%
4	RMPC Works	\$2,433	\$1,549	64%
5	Flood Damage	\$3,500	\$2,545	73%
6	Other (Diamantina Contract)	\$0	\$0	0%

LINK TO CORPORATE PLAN

1.3.1 Council has in place operational systems and capacity to deliver strategic priorities and core operations.

ATTACHMENTS

1. **Balance Sheet February 2023** [↓](#)
2. **Income Statement February 2023** [↓](#)
3. **Rates and Charges** [↓](#)
4. **Capital Projects February 22-23** [↓](#)

General Ledger2022.7.5.1 Balance Sheet Page - 1
 (Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Details. Excludes committed costs)
 MURWEH SHIRE COUNCIL (Budget for full year) Financial Year Ending 2023 Printed(CLAIREA): 01-03-2023 8:36:46 PM

	OPENING BALANCE	YEAR TO DATE 28 Feb 2023		BUDGET	CURRENT BALANCE 28 Feb 2023		BUDGET
CURRENT ASSETS							
=====							
0100-0001	CURRENT ASSETS						
0105-3000	Cash at Bank - General Account	(7,422.25)	50,979.60	---	0	43,557.35	5% 897,573
0110-3000	Cash on Hand	1,570.00	0.00	0%	0	1,570.00	109% 1,438
0115-3000	QTC - Cash Investments	8,423,976.17	(3,355,784.29)	---	0	5,068,191.88	98% 5,147,732
0116-3000	NAB - Term Deposits	0.00	0.00	0%	0	0.00	0% 0
0117-3000	Cash: Cosmos Centre Float	800.00	0.00	0%	0	800.00	200% 400
0118-3000	Cash: Visitor Info Centre	300.00	0.00	0%	0	300.00	---% 0
0120-3000	Accounts Receivable - Rates	834,546.65	3,494,034.80	---	0	4,328,581.45	705% 613,788
0121-3000	Acct Rec - Rates EOY Receipts	0.00	0.00	0%	0	0.00	0% 0
0127-3000	Provision for Doubtful Rates	0.00	0.00	0%	0	0.00	0% 0
0130-3000	Stores and Materials	285,939.17	(34,697.42)	---	0	251,241.75	109% 230,151
0132-3000	Inventory - Cosmos Centre	114,279.35	0.00	0%	0	114,279.35	313% 36,515
0140-3000	Prepaid Expenses	231,226.35	(231,226.35)	---	0	0.00	0% 170,792
0147-3000	Accrued Revenue - General	19,706.18	(19,706.18)	---	0	0.00	0% 0
0148-3000	Contract Assets	2,103,294.52	(1,071,405.32)	---	0	1,031,889.20	---% 0
0150-3000	Workers Compensation Receivable	4,386.25	11,597.73	---	0	15,983.98	51% 31,131
0155-3000	Accounts Receivable - Debtors	168,623.28	(34,504.17)	---	0	134,119.11	6% 2,327,260
0156-3000	Accts Rec - Debtors EOY Receipts	297,907.04	(297,907.04)	---	0	0.00	0% 0
0160-3000	Provision for Doubtful Debts	(127,561.21)	0.00	0%	0	(127,561.21)	850% (15,000)
0165-3000	GST Receivable/Suspense	(99,808.41)	177,421.95	---	0	77,613.54	-557% (13,934)
0170-3000	Residential Land for Resale	1,126,917.85	(138,208.77)	---	0	988,709.08	---% 0
0171-3000	Provision for Obsolescence	(649,918.00)	0.00	0%	0	(649,918.00)	---% 0
0100-0001	CURRENT ASSETS TOTAL	12,728,762.94	(1,449,405.46)	---	0	11,279,357.48	120% 9,427,846
	TOTAL CURRENT ASSETS	12,728,762.94	(1,449,405.46)	---	0	11,279,357.48	120% 9,427,846

General Ledger2022.7.5.1 Balance Sheet Page - 2
 (Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Details. Excludes committed costs)
 MURWEH SHIRE COUNCIL (Budget for full year) Financial Year Ending 2023 Printed(CLAIREA): 01-03-2023 8:36:46 PM

		OPENING	YEAR TO DATE		CURRENT BALANCE	
		BALANCE	28 Feb 2023	BUDGET	28 Feb 2023	BUDGET
NON-CURRENT ASSETS						
=====						
0200-0001	NON-CURRENT ASSETS					
0200-4000	Land at Cost	0.00	0.00	0%	0	0
0205-4000	Land for Resale	0.00	0.00	0%	0	0
0210-4000	Land at Valuation	3,220,500.00	0.00	0%	0	5,544,000
0211-4000	Land Improvements at Valuation	0.00	0.00	0%	0	50
0215-4000	Land Clearing Account	0.00	10,804.99	54%	20,000	115,500
0217-4000	WIP - Land Improvements	3,536.27	29,110.55	---	0	503,240
0221-4000	Aerodrome Landing Strip at Cost	442,570.92	0.00	0%	0	0
0231-4000	Aerodrome Landing Strip at Valuation	15,454,597.74	0.00	0%	0	10,205,033
0241-4000	Accum Depn - Aerodrome Landing Strip	(2,962,740.47)	(159,207.39)	---	0	(3,121,947.86)
0242-4000	WIP - Aerodrome Upgrade	0.00	166,047.34	40%	410,000	6,618,184
0300-4000	Buildings at Cost	11,580,680.57	(880.00)	---	0	893,860
0310-4000	Buildings at Valuation	54,693,066.61	(425.75)	---	0	51,544,674
0320-4000	Accum Depn - Buildings	(22,291,612.44)	(689,266.71)	---	0	(13,185,859)
0330-4000	Other Structures at Cost	7,750,316.56	0.00	0%	0	15,937
0340-4000	Other Structures at Valuation	(169,880.29)	0.00	0%	0	8,051,460
0350-4000	Accum Depn - Other Structures	(2,113,108.68)	(65,257.75)	---	0	(2,939,798)
0360-4000	WIP - Buildings	196,698.66	915,166.58	11%	8,663,301	22,819,046
0370-4000	WIP - Other Structures	1,051,063.72	1,000,285.70	39%	2,536,000	21,900,544
0380-4000	Parks at Cost	1,555,475.20	0.00	0%	0	0
0381-4000	Accum Depn - Parks	(5,306,344.10)	(266,773.45)	---	0	(1,274,689)
0382-4000	WIP - Parks	0.00	0.00	0%	0	0
0383-4000	Parks at Valuation	12,237,279.26	0.00	0%	0	1,768,771
0400-4000	Equipment and Furniture Fittings	5,501,971.48	0.00	0%	0	1,759,800
0410-4000	Accum Depn - Equipment and FF	(3,910,007.74)	(105,126.04)	---	0	(1,418,214)
0411-4000	Plant	14,692,789.36	0.00	0%	0	14,121,301
0415-4000	Accum Depreciation - Plant	(6,800,226.72)	(570,968.66)	---	0	(9,924,108)
0420-4000	Furniture and Fittings	0.00	0.00	0%	0	2,112,888
0430-4000	Accum Depn - Furniture and Fittings	0.00	0.00	0%	0	(2,674,519)
0445-4000	Plant Clearing Account	0.00	366,913.65	15%	2,400,000	10,383,628
0500-4000	Road Infrastructure at Cost	7,892,905.64	0.00	0%	0	4,274,042
0510-4000	Road Infrastructure at Valuation	358,216,856.10	0.00	0%	0	228,870,632
0520-4000	Accum Depn - Road Infrastructure	(56,690,859.82)	(2,303,450.52)	---	0	(47,979,176)
0525-4000	WIP - Road Infrastructure	1,806,618.03	826,371.91	23%	3,547,000	26,385,153
0530-4000	Water Infrastructure at Cost	2,505,584.31	0.00	0%	0	272,167
0540-4000	Water Infrastructure at Valuation	30,589,843.17	0.00	0%	0	19,180,926
0550-4000	Accum Depn - Water Infrastructure	(15,381,422.69)	(406,741.04)	---	0	(8,183,872)
0555-4000	WIP - Water Infrastructure	0.04	123,326.28	41%	300,000	4,152,997
0560-4000	Sewerage Infrastructure at Cost	756,869.28	0.00	0%	0	218,421
0570-4000	Sewerage Infrastructure at Valuation	24,358,174.23	0.00	0%	0	21,255,545
0580-4000	Accum Depn - Sewerage Infrastructure	(13,397,548.81)	(246,046.10)	---	0	(7,102,173)
0585-4000	WIP - Sewerage Infrastructure	0.00	49,506.56	1%	8,314,000	9,453,287

General Ledger2022.7.5.1 Balance Sheet Page - 3
 (Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Details. Excludes committed costs)
 MURWEH SHIRE COUNCIL (Budget for full year) Financial Year Ending 2023 Printed(CLAIREA): 01-03-2023 8:36:46 PM

		OPENING	YEAR TO DATE		BUDGET	CURRENT BALANCE			
		BALANCE	28 Feb 2023			28 Feb 2023		BUDGET	
0586-4000	WIP - Aurora Estate Stage 2	12,067.70	0.00	0%	0	12,067.70	100%	12,068	
0587-4000	WIP - Aurora Estate Stage 3	18,650.00	0.00	0%	0	18,650.00	100%	18,650	
0588-4000	WIP State Gov - Bradleys Gully Div	0.00	0.00	0%	0	0.00	0%	0	
0589-4000	WIP - Industrial Estate	0.00	0.00	0%	0	0.00	0%	3,146,051	
0595-4000	Residential Land Resale (NCA)	0.00	0.00	0%	0	0.00	0%	0	
0596-4000	Right of Use Assets	221,275.59	0.00	0%	0	221,275.59	---	0	
0596-4001	Accumulated Amortisation	(219,274.23)	0.00	0%	0	(219,274.23)	---	0	
0597-4000	Equipment Clearing Account	244,229.59	41,044.79	14%	299,950	285,274.38	13%	2,276,526	
0599-4000	Landfill Asset	0.00	0.00	0%	0	0.00	0%	0	

0200-0001	NON-CURRENT ASSETS TOTAL	425,760,594.04	(1,285,565.06)	-5%	26,490,251	424,475,028.98	112%	379,801,264	

	TOTAL NON-CURRENT ASSETS	425,760,594.04	(1,285,565.06)	-5%	26,490,251	424,475,028.98	112%	379,801,264	
=====									
	TOTAL ASSETS	438,489,356.98	(2,734,970.52)	-10%	26,490,251	435,754,386.46	112%	389,229,110	
=====									
CURRENT LIABILITIES									
=====									
0600-0001	CURRENT LIABILITIES								
0600-5000	Accounts Payable	0.00	515,855.86	---	0	515,855.86	---	0	
0605-5000	Accrued Expenses - All	1,722,277.28	(1,722,277.28)	---	0	0.00	0%	459	
0610-5000	Fire Services Levy Payable	12,048.70	333,043.71	---	0	345,092.41	>999%	16,515	
0612-5000	Contract Liabilities	2,076,523.26	(1,747,741.55)	---	0	328,781.71	---	0	
0613-5000	Prepaid Rates	297,907.04	(297,907.04)	---	0	0.00	0%	0	
0614-5000	Unearned Revenue	6,151.00	(6,151.00)	---	0	0.00	0%	0	
0615-5000	PAYG Payable	0.00	0.00	0%	0	0.00	0%	0	
0625-5000	Payroll Suspense	0.00	(1,209.02)	---	0	(1,209.02)	---	0	
0630-5000	Wages Advance	0.00	0.00	0%	0	0.00	0%	0	
0632-5000	RDO & Toil Accumulated	14,318.68	516.44	---	0	14,835.12	73%	20,229	
0635-5000	Stock Routes Fees Payable	0.00	0.00	0%	0	0.00	0%	34,435	
0636-5000	Finance Lease - Current	2,032.41	0.00	0%	0	2,032.41	---	0	
0640-5000	Office Extension Current Loan	0.00	0.00	0%	0	0.00	0%	(27,759)	
0645-5000	Cosmos Centre Current Loan	0.00	0.00	0%	0	0.00	0%	(60,342)	
0650-5000	Medical Centre Current Loan	39,579.43	(19,337.12)	---	0	20,242.31	-39%	(51,426)	
0660-5000	Morven Rail Current Loan	60,215.42	(29,616.73)	---	0	30,598.69	-14%	(214,795)	
0665-5000	Plant Replacement Current Loan	0.00	0.00	0%	0	0.00	0%	(228,366)	
0666-5000	Plant Replacement No 2 Current Loan	0.00	0.00	0%	0	0.00	0%	(171,804)	
0670-5000	Residential Develop Current Loan	0.00	0.00	0%	0	0.00	0%	(223,753)	
0671-5000	Flood Mitigation Current Loan	46,416.27	(22,526.58)	---	0	23,889.69	>999%	452	
0672-5000	Airport Upgrade Current Loan	44,863.09	(21,703.10)	---	0	23,159.99	-61%	(38,036)	
0675-5000	Annual Leave payable	1,003,448.56	(72,368.96)	---	0	931,079.60	110%	846,327	

General Ledger 2022.7.5.1		Balance Sheet				Page - 4		
(Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Details. Excludes committed costs)		Financial Year Ending 2023				Printed(CLAIREA): 01-03-2023 8:36:46 PM		
MURWEH SHIRE COUNCIL (Budget for full year)								
	OPENING BALANCE	YEAR TO DATE		BUDGET	CURRENT BALANCE			
		28 Feb 2023			28 Feb 2023		BUDGET	
0680-5000	Long Service Leave Payable	1,142,264.04	14,076.08	---	0	1,156,340.12	93%	1,237,872
0685-5000	Sick Leave Payable	230,377.08	(7,941.87)	---	0	222,435.21	95%	234,964
0690-5000	Land Rebate Holding Account	(7,000.00)	0.00	0%	0	(7,000.00)	100%	(7,000)
0697-5000	Salary Sacrifice Deduct - Before Tax	164,515.42	63,281.60	---	0	227,797.02	---	0
0698-5000	Salary Sacrifice Deduct - After Tax	(168,321.44)	(57,892.54)	---	0	(226,213.98)	---	0
0699-5000	Suspense Account: General Account	15,725.18	(9,658.03)	---	0	6,067.15	35%	17,294
0600-0001	CURRENT LIABILITIES TOTAL	6,703,341.42	(3,089,557.13)	---	0	3,613,784.29	261%	1,385,266
	TOTAL CURRENT LIABILITIES	6,703,341.42	(3,089,557.13)	---	0	3,613,784.29	261%	1,385,266
NON-CURRENT LIABILITIES								
=====								
0700-0001	NON-CURRENT LIABILITIES							
0700-6000	Non-Current Long Service Leave	167,788.97	0.00	0%	0	167,788.97	111%	150,781
0701-6000	Finance Lease - Non current	0.00	0.00	0%	0	0.00	0%	0
0740-6000	Office Extension Non-Current Loan	0.00	0.00	0%	0	0.00	0%	24,929
0745-6000	Cosmos Centre Non-Current Loan	0.00	0.00	0%	0	0.00	0%	54,219
0750-6000	Medical Centre Non-Current Loan	10,333.25	0.00	0%	0	10,333.25	12%	89,250
0760-6000	Morven Rail Non-Current Loan	882,070.75	0.00	0%	0	882,070.75	94%	942,449
0765-6000	Plant Replacement Non-Current Loan	0.00	0.00	0%	0	0.00	0%	0
0766-6000	Plant Replacement No 2 Non-Current	0.00	0.00	0%	0	0.00	0%	0
0770-6000	Residential Develop Non-Current Loan	0.00	0.00	0%	0	0.00	0%	249,501
0771-6000	Flood Mitigation Non-Current Loan	1,023,217.29	0.00	0%	0	1,023,217.29	103%	990,296
0772-6000	Airport Upgrade Non-Current Loan	714,435.79	0.00	0%	0	714,435.79	85%	842,360
0780-6000	Landfill Restoration Provision	2,018,636.23	0.00	0%	0	2,018,636.23	---	0
0700-0001	NON-CURRENT LIABILITIES TOTAL	4,816,482.28	0.00	0%	0	4,816,482.28	144%	3,343,785
	TOTAL NON-CURRENT LIABILITIES	4,816,482.28	0.00	0%	0	4,816,482.28	144%	3,343,785
	TOTAL LIABILITIES	11,519,823.70	(3,089,557.13)	---	0	8,430,266.57	178%	4,729,051
	NETT ASSETS/(LIABILITIES)	426,969,533.28	354,586.61	1%	26,490,251	427,324,119.89	111%	384,500,059

General Ledger 2022.7.5.1		Balance Sheet				Page - 5	
(Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Details. Excludes committed costs)		Financial Year Ending 2023				Printed(CLAIREA): 01-03-2023 8:36:46 PM	
MURWEH SHIRE COUNCIL (Budget for full year)							
COMMUNITY EQUITY		OPENING	YEAR TO DATE	BUDGET	CURRENT BALANCE	BUDGET	
=====		BALANCE	28 Feb 2023		28 Feb 2023		
0800-0001	EQUITY						
0800-0002	SHIRE CAPITAL						
0805-7000	Retained Surplus	47,026,755.59	0.00	0%	0	47,026,755.59	100% 47,026,756
0807-7000	Retained Surplus-Cosmos	(1,275,671.18)	0.00	0%	0	(1,275,671.18)	<999% 42,875
0810-7000	Asset Revaluation Reserve - Roads	225,378,367.83	14,059.09	---	0	225,392,426.92	189% 119,269,628
0811-7000	Asset Revaluation Reserve - W & S	23,936,942.08	3,876.19	---	0	23,940,818.27	100% 23,900,593
0812-7000	Asset Reval Res - Bldgs & Structures	33,045,959.09	0.00	0%	0	33,045,959.09	86% 38,355,807
0813-7000	Asset Revaluation Reserve-Land	716,322.33	0.00	0%	0	716,322.33	22% 3,203,461
0815-7000	Asset Revaluation Reserve Aerodrome	13,348,816.79	1,066.42	---	0	13,349,883.21	153% 8,723,400
0816-7000	Asset Revaluation Reserve - Plant	0.00	0.00	0%	0	0.00	0% 0
0820-7000	Current Surplus / Deficit	0.00	334,534.91	2%	19,528,221	334,534.91	2% 19,528,221
0825-7000	Year End Surplus/Deficit	84,792,040.75	0.00	0%	0	84,792,040.75	79% 107,720,262
0800-0002	SHIRE CAPITAL TOTAL	426,969,533.28	353,536.61	2%	19,528,221	427,323,069.89	116% 367,771,003
0830-0002	RESERVES						
0800-0001	EQUITY TOTAL	426,969,533.28	353,536.61	2%	19,528,221	427,323,069.89	116% 367,771,003
	TOTAL COMMUNITY EQUITY	426,969,533.28	353,536.61	2%	19,528,221	427,323,069.89	116% 367,771,003

General Ledger2022.7.5.1		Revenue and Expenditure Summary						Page - 1	
(Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Level 4. Excludes committed costs)		MURWEH SHIRE COUNCIL (Budget for full year)						Printed(CLAIREA): 01-03-2023 8:34:09 PM	
		REVENUE		EXPENDITURE		SURPLUS/(DEFICIENCY)			
		28 Feb 2023	Budget	28 Feb 2023	Budget	28 Feb 2023	Budget		
1000-0001	EXECUTIVE MANAGEMENT								
1100-0002	CORP GOVERNANCE SUB PROGRAM	0.00	0	345,779.04	65%	532,646	(345,779.04)	65%	(532,646)
1200-0002	SPECIAL OPERATIONS SUB PROGRAM	0.00	0	1,700.49	64%	2,663	(1,700.49)	64%	(2,663)
1300-0002	DISASTER MANAGEMENT SUB PROGRAM	17,103.24	17,500	32,709.07	32%	102,372	(15,605.83)	18%	(84,872)
1500-0002	HUMAN RESOURCES SUB PROGRAM	435.14	1,000	196,507.91	53%	371,400	(196,072.77)	53%	(370,400)
1000-0001	EXECUTIVE MANAGEMENT	17,538.38	18,500	576,696.51	57%	1,009,081	(559,158.13)	56%	(990,581)
2000-0001	CORPORATE SERVICES								
2100-0002	REVENUE SUB PROGRAM	5,595,578.84	11,294,398	0.00	0%	0	5,595,578.84	50%	11,294,398
2200-0002	STORES OPERATION SUB PROGRAM	0.00	0	37,233.80	27%	138,082	(37,233.80)	27%	(138,082)
2300-0002	ADMINISTRATION SUB PROGRAM	117,378.22	110,000	2,130,323.11	72%	2,958,634	(2,012,944.89)	71%	(2,848,634)
2400-0002	FINANCE SUB PROGRAM	0.00	0	28,618.54	61%	46,660	(28,618.54)	61%	(46,660)
2500-0002	ONCOSTS SUB PROGRAM	0.00	0	385,558.01	-964%	(40,000)	(385,558.01)	-964%	40,000
2600-0002	LIBRARY SUB PROGRAM	17,475.95	18,000	190,423.17	66%	289,807	(172,947.22)	64%	(271,807)
2700-0002	AERODROMES SUB PROGRAM	248,578.02	310,000	656,873.62	72%	918,322	(408,295.60)	67%	(608,322)
2800-0002	AREA PROMOTION/DEVT SUB PRO								
2800-0003	ECONOMIC DEVELOPMENT	6,153,737.99	20,116,369	733,929.63	74%	987,050	5,419,808.36	28%	19,129,319
2805-0003	COUNCIL HOUSING	0.00	0	92,109.67	79%	116,000	(92,109.67)	79%	(116,000)
2815-0003	CULTURAL DEVELOPMENT	0.00	25,000	122,360.91	69%	178,000	(122,360.91)	80%	(153,000)
2820-0003	TOURISM & PROMOTION								
2855-0004	TOURISM AND PROMOTION	1,201,618.86	1,577,000	2,093,637.26	80%	2,629,053	(892,018.40)	85%	(1,052,053)
2820-0003	TOURISM & PROMOTION	1,201,618.86	1,577,000	2,093,637.26	80%	2,629,053	(892,018.40)	85%	(1,052,053)
2800-0002	AREA PROMOTION/DEVT SUB PRO	7,355,356.85	21,718,369	3,042,037.47	78%	3,910,103	4,313,319.38	24%	17,808,266
2000-0001	CORPORATE SERVICES	13,334,367.88	33,450,767	6,471,067.72	79%	8,221,608	6,863,300.16	27%	25,229,159
3200-0001	HEALTH/ENVIRONMENTAL SERVICES								
3200-0002	SPORT, REC & COMMUNITY FACILITIES								
3200-0003	SPORTS & RECREATION FACILITIES								
3200-0004	PARKS GARDENS & RESERVES	20,280.44	60,000	1,246,734.72	83%	1,505,520	(1,226,454.28)	85%	(1,445,520)
3220-0004	RACECOURSE	23,913.07	23,500	112,710.87	58%	193,600	(88,797.80)	52%	(170,100)
3240-0004	SWIMMING POOLS	0.00	0	245,388.47	71%	346,720	(245,388.47)	71%	(346,720)
3200-0003	SPORTS & RECREATION FACILITIES	44,193.51	83,500	1,604,834.06	78%	2,045,840	(1,560,640.55)	80%	(1,962,340)

General Ledger 2022.7.5.1		Revenue and Expenditure Summary								Page - 2
(Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Level 4. Excludes committed costs)		MURWEH SHIRE COUNCIL (Budget for full year)				Financial Year Ending 2023				Printed(CLAIREA): 01-03-2023 8:34:09 PM
		REVENUE		EXPENDITURE		SURPLUS/(DEFICIENCY)				
		28 Feb 2023	Budget	28 Feb 2023	Budget	28 Feb 2023	Budget	28 Feb 2023	Budget	
3260-0003	COMMUNITY FACILITIES									
3260-0004	TELEVISION, CCTV and WIFI	0.00	0%	0	43,429.20	60%	72,984	(43,429.20)	60%	(72,984)
3270-0004	HALLS & CENTRES	32,191.34	61%	53,000	277,103.72	111%	249,502	(244,912.38)	125%	(196,502)
3280-0004	SHOWGROUNDS	16,859.61	112%	15,000	183,482.63	72%	256,000	(166,623.02)	69%	(241,000)
3290-0004	CEMETERIES & MEMORIALS	32,879.11	82%	40,000	169,724.43	121%	140,380	(136,845.32)	136%	(100,380)
3320-0004	PUBLIC CONVENIENCES	0.00	0%	0	150,062.17	89%	167,856	(150,062.17)	89%	(167,856)
3330-0004	AGED CARE	64,110.01	71%	90,000	102,757.43	58%	177,384	(38,647.42)	44%	(87,384)
3260-0003	COMMUNITY FACILITIES	146,040.07	74%	198,000	926,559.58	87%	1,064,106	(780,519.51)	90%	(866,106)
3200-0002	SPORT, REC & COMMUNITY FACILITIES	190,233.58	68%	281,500	2,531,393.64	81%	3,109,946	(2,341,160.06)	83%	(2,828,446)
3400-0002	ENVIRONMENTAL SUB PROGRAM									
3410-0003	COMMUNITY HEALTH	14,645.53	75%	19,500	48,746.32	54%	90,000	(34,100.79)	48%	(70,500)
3435-0003	ANIMAL CONTROL	34,645.59	64%	54,500	187,916.83	72%	261,600	(153,271.24)	74%	(207,100)
3460-0003	RESERVES	0.00	0%	0	140,117.87	52%	267,000	(140,117.87)	52%	(267,000)
3475-0003	STOCK ROUTES	191,847.93	23%	840,000	485,647.50	36%	1,332,806	(293,799.57)	60%	(492,806)
3400-0002	ENVIRONMENTAL SUB PROGRAM	241,139.05	26%	914,000	862,428.52	44%	1,951,406	(621,289.47)	60%	(1,037,406)
3500-0002	REFUSE MANAGEMENT SUB PROGRAM									
3500-0004	CHARLEVILLE REFUSE MANAGEMENT	543,619.63	98%	555,458	446,073.65	85%	524,013	97,545.98	310%	31,445
3540-0004	MORVEN REFUSE MANAGEMENT	22,577.70	94%	23,998	18,718.07	41%	46,114	3,859.63	-17%	(22,116)
3570-0004	AUGATHELLA REFUSE MANAGEMENT	52,915.76	96%	54,855	20,355.38	77%	26,430	32,560.38	115%	28,425
3500-0002	REFUSE MANAGEMENT SUB PROGRAM	619,113.09	98%	634,311	485,147.10	81%	596,557	133,965.99	355%	37,754
3200-0001	HEALTH/ENVIRONMENTAL SERVICES	1,050,485.72	57%	1,829,811	3,878,969.26	69%	5,657,909	(2,828,483.54)	74%	(3,828,098)
4000-0001	ENGINEERING SERVICES									
4100-0002	ENGINEERING OFFICE SUB PROGRAM	0.00	0%	0	2,702,461.90	69%	3,937,586	(2,702,461.90)	69%	(3,937,586)
4200-0002	BUILDING & PLANNING SUB PROGRAM	36,750.00	82%	45,000	151,528.25	107%	141,000	(114,778.25)	120%	(96,000)
4300-0002	PLANT OPERATIONS SUB PROGRAM	43,496.36	45%	96,000	188,963.35	-34%	(552,896)	(145,466.99)	-22%	648,896
4400-0002	PRIVATE WORKS ACTIVITIES	2,065,597.61	48%	4,338,264	2,040,266.17	76%	2,680,000	25,331.44	2%	1,658,264
4500-0002	OTHER ROAD ACTIVITIES SUB PROGRAM	3,533,149.80	56%	6,348,310	4,723,487.08	79%	5,958,803	(1,190,337.28)	-306%	389,507
4000-0001	ENGINEERING SERVICES	5,678,993.77	52%	10,827,574	9,806,706.75	81%	12,164,493	(4,127,712.98)	309%	(1,336,919)
5100-0001	WATER & SEWERAGE SERVICES									
5100-0002	WATER SUPPLY ACTIVITIES SUB PROGRAM									
5100-0003	CHARLEVILLE WATER	1,465,056.82	101%	1,453,371	462,902.05	77%	598,899	1,002,154.77	117%	854,472

General Ledger 2022.7.5.1 Revenue and Expenditure Summary Page - 3
 (Accounts: 0100-0001-0000 to 5490-2000-0000. All report groups. 67% of year elapsed. To Level 4. Excludes committed costs)
 MURWEH SHIRE COUNCIL (Budget for full year) Financial Year Ending 2023 Printed(CLAIREA): 01-03-2023 8:34:09 PM

		REVENUE		EXPENDITURE		SURPLUS/(DEFICIENCY)				
		28 Feb 2023	Budget	28 Feb 2023	Budget	28 Feb 2023	Budget			
5200-0003	MORVEN WATER	97,975.16	100%	98,220	94,643.64	86%	109,571	3,331.52	-29%	(11,351)
5300-0003	AUGATHELLA WATER	181,570.37	101%	180,617	84,365.29	59%	144,000	97,205.08	265%	36,617
5390-0003	WATER DEPRECIATION	0.00	0%	0	408,735.96	73%	563,597	(408,735.96)	73%	(563,597)
5100-0002	WATER SUPPLY ACTIVITIES SUB PROGRAM	1,744,602.35	101%	1,732,208	1,050,646.94	74%	1,416,067	693,955.41	220%	316,141
5400-0002	SEWERAGE ACTIVITIES SUB PROGRAM									
5400-0003	CHARLEVILLE SEWERAGE	894,155.37	100%	897,338	331,512.98	77%	430,970	562,642.39	121%	466,368
5450-0003	AUGATHELLA SEWERAGE	87,689.91	102%	85,698	106,495.12	161%	66,000	(18,805.21)	-95%	19,698
5490-0003	SEWERAGE DEPRECIATION	0.00	0%	0	251,203.19	72%	347,547	(251,203.19)	72%	(347,547)
5400-0002	SEWERAGE ACTIVITIES SUB PROGRAM	981,845.28	100%	983,036	689,211.29	82%	844,517	292,633.99	211%	138,519
5100-0001	WATER & SEWERAGE SERVICES	2,726,447.63	100%	2,715,244	1,739,858.23	77%	2,260,584	986,589.40	217%	454,660
	TOTAL REVENUE AND EXPENDITURE	22,807,833.38	47%	48,841,896	22,473,298.47	77%	29,313,675	334,534.91	2%	19,528,221

STATEMENT OF RATES AND CHARGES

28 FEBRUARY 2023



	ARREARS 30 JUNE 2022	LEVIES	INTEREST	RECEIPTS	DISCOUNT	WRITE OFFS	PENSIONER STATE	PENSIONER COUNCIL	BALANCE
<i>Charleville</i>	\$192,104.96	\$1,358,549.18	\$7,927.87	\$673,284.52	\$62,239.18	\$120.39	\$35,325.09	\$70,550.92	\$717,061.91
<i>Augathella</i>	\$33,819.92	\$152,846.90	\$1,270.74	\$79,923.92	\$6,597.58	\$2.22	\$6,795.40	\$15,960.00	\$78,658.44
<i>Morven</i>	\$12,269.26	\$75,747.57	\$573.57	\$30,500.00	\$3,119.27	\$4.66	\$3,365.00	\$7,980.00	\$43,621.47
Total Urban	\$238,194.14	\$1,587,143.65	\$9,772.18	\$783,708.44	\$71,956.03	\$127.27	\$45,485.49	\$94,490.92	\$839,341.82
<i>Rural</i>	\$198,238.28	\$2,645,457.96	\$7,754.76	\$1,245,895.88	\$120,440.38	\$14.96	\$6,352.58	\$9,979.89	\$1,468,767.31
TOTAL GENERAL	\$436,432.42	\$4,232,601.61	\$17,526.94	\$2,029,604.32	\$192,396.41	\$142.23	\$51,838.07	\$104,470.81	\$2,308,109.13
CLEANSING	\$112,658.82	\$642,088.30	\$4,521.19	\$353,006.39	\$29,936.68	\$199.22	\$14,529.07	\$0.00	\$361,596.95
SEWERAGE	\$145,883.43	\$937,881.00	\$5,414.52	\$533,851.64	\$48,137.32	\$538.63	\$246.70	\$0.00	\$506,404.66
WATER	\$337,675.05	\$1,815,288.00	\$12,297.52	\$1,039,606.69	\$90,879.62	\$892.83	\$1,246.60	\$0.00	\$1,032,634.83
EXCESS WATER	\$16,023.17	\$4,840.04	\$0.00	\$18,767.64	\$0.00	\$0.00	\$0.00	\$0.00	\$2,095.57
C.E.D.	\$14,828.23	\$91,507.00	\$451.32	\$53,984.24	\$4,268.40	\$0.01	\$0.00	\$0.00	\$48,533.90
LEGAL FEES	\$0.00	\$11,500.00	\$0.00	\$3,004.03	\$0.00	\$0.00	\$0.00	\$0.00	\$8,495.97
LAND CHARGES	\$10,767.31	\$0.00	\$0.00	\$6,704.89	\$0.00	\$0.00	\$0.00	\$0.00	\$4,062.42
TOTALS	\$1,074,268.43	\$7,735,705.95	\$40,211.49	\$4,038,529.84	\$365,618.43	\$1,772.92	\$67,860.44	\$104,470.81	\$4,271,933.43

STATE EMERGENCY LEVY	\$213,116.30
TOTAL CURRENT & ARREARS	\$4,485,049.73
RATES PAID IN ADVANCE	\$157,137.01
TOTAL OUTSTANDING	\$4,327,912.72

ARREARS ANALYSIS

Current Year	1 Year	2 Years	3 Years	4 Years	5 Years +	Interest	Total
\$3,939,874.72	\$263,551.92	\$116,020.73	\$42,059.96	\$14,665.05	\$21,284.06	\$87,593.29	\$4,485,049.73

MURWEH SHIRE COUNCIL

CAPITAL WORKS PROJECTS
2022-23

Capital Expenditure as at 31 July 2022

Projects										
Asset Class/GL Number	Job Number	Project Description	Funding source	Actual to date	% of budget	Budget Project Costs 2022-23	Responsible Officer	Officers update, ie % of completion, what's been done, commitments, etc	Project Status (traffic lights)	Progress (%)
Airport										
242-4000-0	8000-3607-0	Airport Reseals	LRCIP 3	\$116,594	46.64%	\$250,000	Jamie Gorry	50% - Jet Patching and rolling of unsafe areas of airport carpark completed. Blue metal purchased for expansion of airport precinct parking areas. Jet Patching of Taxi-way Delta March. Hard stand in airport depot being re-done in March.		
	8000-3606-0	Augathella Aerodrome Upgrade Planning	LGSSP 22-24	\$49,452	30.91%	\$160,000	Jamie Gorry	60% - Kamen Engineers final report completed and discussed at Airprot Working group in Feb. One of key recommendation is for widening of vegetation buffers. Quotes have been received for Veg buffer clearing - this will be requested as a variation of scope to the original project, still awaiting approval.		
	Sub total			\$166,046	40.50%	\$410,000				
Buildings/Land/Other Structures										
360-4000-0 and 370-4000-0	8000-2580-0	Landfill remediation works	LRCI Stage 3	\$24,815	9.93%	\$250,000	Jamie Gorry	25% - is Onsite meeting held 17.01.23 to discuss next steps in Test Pitting program. Test pitting to begin in March/April. Hard stand and road upgrade in April (subject to contractor availability)		
	8000-1600-0	Augathella Industrial Land	General	\$10,805	54.02%	\$20,000	Jamie Gorry	20% - Surveying for subdivision to occur in April		
	8000-2575-0	Refurbish existing racecourse complex building	LRCI Stage 3	\$3,887	1.30%	\$300,000	DES	12.01.2023 has been requested for quotation. Site meeting today .2.03.2023 received one quotation and waiting for other to come		
	8000-1760-0	Council housing renewals	W4Qld 21-24	\$0	0.00%	\$250,000	Jamie Gorry	15% -Tender has been evaluated and awarded - works are scheduled to commence in April		
	8000-2610-0	Parks and Equipment	W4Qld 21-24	\$334,058	111.35%	\$300,000	DES	Project well advanced. Increase in funding approved by Council. Addtl funding required based on actual		
	8000-2551-0	Glass Door - Charleville Town Hall	General	\$78	0.52%	\$15,000	Jamie Gorry	Not started		
	8000-1892-0	Morven Rail (Freight) Hub	General fund	\$8,861	14.07%	\$63,000	Jamie Gorry	Skid Pad completed - final fit out is under way.		
	8000-1893-0	Morven Rail (Freight) Hub Bore	Main Roads	\$123,486	85.75%	\$144,000	Jamie Gorry	Final sign off and commissioning of bore pump package to occur in March 2023.		




MURWEH SHIRE COUNCIL

CAPITAL WORKS PROJECTS
2022-23

Asset Class/GL Number	Job Number	Project Description	Funding source	Actual to date	% of budget	Budget Project Costs 2022-23	Responsible Officer	Officers update, ie % of completion, what's been done, commitments, etc	Project Status (traffic lights)	Progress (%)
	8000-2595-0	Upgrade existing Toddler Pool at Charleville Swimming pool - W4Qld	W4Qld 21-24	\$2,271	1.04%	\$219,000	Richard Ranson	Full structural & hydraulic design & plans received. Being checked by Council engineer, then will request quotes on vendorpanel		<div style="width: 5%;"></div>
	8000-2579-0	Charleville Weighbridge	LRCIP 3	\$2,059	0.51%	\$400,000	DES	DCS has commenced formalisation of agreement with property owner to acquire land at rear of United.12.01.023 quotation is on the way. 7.02.2023 Soil test completed. Received a quotation for type 1 road trains - class2. Requesting another quotation for combine B- double combination - class2.2.03.2023 Searching for another location.		<div style="width: 5%;"></div>
	8000-2950-0	Amenities at Alfred St	W4Qld 21-24	\$0	0.00%	\$150,000	DES	Budget approved by Council, funding transferred from Botanical Gardens.12.01.023 seeking for quotation for new toilet.7.02.023 received a quotation only for supply. Waiting a quotation for installation . 2.03.2023 site meeting will be on 6/3/2023		<div style="width: 5%;"></div>
	8000-2951-0	Amenities at Graham Andrews Park	W4Qld 21-24	\$217,435	86.97%	\$250,000	DES	Nearly finished.2.03.2023 waiting for power connection for BBQ that will be completed by 17/03/2023.		<div style="width: 87%;"></div>
	8000-2598-0	Refurbish Shire Libraries -W4Qld	W4Qld 21-24	\$35,969	37.86%	\$95,000	Richard Ranson	Augathella Library – all upgrade and refurbishment works are now completed. Charleville Library – The refurbishment at the kids room is complete - new flooring and painting. All other works are underway. Still waiting for concreting works to be completed outside rear of library.		<div style="width: 38%;"></div>
	8000-2599-0	Upgrade Morven Camp - W4Qld	W4Qld 21-24	\$19,331	87.87%	\$22,000	WHSO	Camp is now in place, plumbing completed, awaiting water, sewerage and power connection and installation of decking/steps.		<div style="width: 88%;"></div>
	8000-2366-0	VAST at Augathella	General	\$68,975	74.17%	\$93,000	Richard Ranson	Installation underway, approx 90% complete		<div style="width: 74%;"></div>
	8000-2359-0	Upgrade existing Charleville Cemetery	LRCIP 3	\$0	0.00%	\$150,000	Jamie Gorry	15% - scope of work has been set - RFQ has been sent out - 3 quotes received and preferred supplier appointed.		<div style="width: 15%;"></div>
	8000-2360-0	Installation of shade facilities at Charleville Swimming Pool	LRCIP 3	\$0	0.00%	\$250,000	Richard Ranson	Plans now received for toddler pool, and we now know where all plumbing & electricity will run. Therefore we can now start requesting quotes via vendorpanel		<div style="width: 5%;"></div>

MURWEH SHIRE COUNCIL

CAPITAL WORKS PROJECTS
2022-23

Asset Class/GL Number	Job Number	Project Description	Funding source	Actual to date	% of budget	Budget Project Costs 2022-23	Responsible Officer	Officers update, ie % of completion, what's been done, commitments, etc	Project Status (traffic lights)	Progress (%)
	8000-2597-0	Concreting and replace wall around chlorine tank	General	\$64,166	0.00%	\$0	Richard Ranson	Budget review required		<div style="width: 100%; height: 15px; background-color: #90EE90;"></div>
	8000-3045-0	Ward river picnic tables, bins, signage, BBQ	Dept of Fishing	\$48,048	100.10%	\$48,000	DES	7.02.2023 - 90 % completed physically but all the materials are on site. Project will be completed by 17/2/2023		<div style="width: 100%; height: 15px; background-color: #90EE90;"></div>
	8000-2591-0	Colambarium - three towns	LRCIP 3	\$98,859	65.91%	\$150,000	DES	Columbarium walls received, paid \$98K. 7.02.2023 project completed .Found some error that crocodile and sculpture have been charged to this project and has been corrected . Time sheet costs not shown in the transaction and will be investigated.		<div style="width: 100%; height: 15px; background-color: #90EE90;"></div>
	Sub total			\$1,063,102	33.55%	\$3,169,000				







MURWEH SHIRE COUNCIL

CAPITAL WORKS PROJECTS
2022-23

Asset Class/GL Number	Job Number	Project Description	Funding source	Actual to date	% of budget	Budget Project Costs 2022-23	Responsible Officer	Officers update, ie % of completion, what's been done, commitments, etc	Project Status (traffic lights)	Progress (%)
Plant Replacement										
445-4000-0	8000-1200-0	Plant Purchase	General	\$422,368	17.60%	\$2,400,000	DES/Suji	Tenders being prepared for balance of replacement items. Committed \$2.4m		
	Sub total			\$422,368	17.60%	\$2,400,000				
Roads										
525-4000-0	8000-2305-0	Kerb and Channel renewals	General	\$6,359	6.36%	\$100,000	DES	Not started - delivery in 3rd and 4th qtr. 12.01.2023 work in progress		
	8000-4052-0	Langlo Mt Morris Road	R2R/TIDS	\$666,064	32.02%	\$2,080,000	DES	10km heavy formation complete and 4km of gravel pavement in progress and bitumen sealing booked for first 4km mid-Dec 2022.2.03.2023 waiting for quotation from contractors		
	8000-1084-0	Road works - Graham Andrews	General	\$10,178	0.00%	\$0	DES	No specific budget, potentially should form part of 8000-2610-0. Budget review		
	8000-1085-0	Town St Reseals R2R - Jupp St	R2R	\$0	0.00%	\$177,000	DES	Not started - delivery in conjunction with rural road reseals		
	8001-3040-0	Footpath renewals	General	\$29,223	19.48%	\$150,000	DES	On going renewal project.7.02.2023 Footpath in Watson street from Wills street to end in progress. 2.03.2023 Watson street footpath work completed and other area is in progress.		
	8000-4083-0	Reseal up to 10km of Red Ward Road and 1 km of Biddenham Roads	LRCIP 3	\$0	0.00%	\$270,000	DES	Tender awarded to RPQ, site inspections 9/11. Waiting for approval of additional LRCIP 3 project nominations prior to issuing purchase order. Will be 3rd qtr delivery.2.03.2023 works completed but waiting for invoice.		
	8000-3017-0	Flood Levee Renewal	General	\$0	0.00%	\$100,000	DES	Not started - new DES will be briefed on project in January 2023. 12.01.2023 on hold		
	8000-3018-0	Flood Levee Remediation Works	National Flood Mitigation Infrastructure	\$0	0.00%	\$300,000	DES	Not started - new DES will be briefed on project in January 2023.12.01.2023 on hold		
	8000-4074	Second coat seal on Old Charleville Road to finalise the sealing works	LRCIP 3	\$0	0.00%	\$42,000	DES	Included in RPQ reseal tender, will be 3rd qtr delivery.12.01.2023 has been scheduled for Feb.2.03.2023 Waiting included in RPQ reseal tender, will be 3rd qtr delivery.12.01.2023 work in progress.2.3.2023 waiting for invoices		
	8004-4049-0& 8003-4049-0	Second coat seal on Khyber Road to finalise the sealing works.	LRCIP 3	\$66,178	23.64%	\$280,000	DES	Included in RPQ reseal tender, will be 3rd qtr delivery.12.01.2023 work in progress.2.3.2023 waiting for invoices		
	Sub total			\$778,002	22.23%	\$3,499,000				
Water										

MURWEH SHIRE COUNCIL

CAPITAL WORKS PROJECTS
2022-23

Asset Class/GL Number	Job Number	Project Description	Funding source	Actual to date	% of budget	Budget Project Costs 2022-23	Responsible Officer	Officers update, ie % of completion, what's been done, commitments, etc	Project Status (traffic lights)	Progress (%)
555-4000-0	8000-5254-0	Charleville water renewals	General	\$18,144	12.10%	\$150,000	DES	Mains replacement in progress		
	8000-5260-0	Morven water renewals	General	\$92,959	92.96%	\$100,000	DES	Mains replacement in progress		
	8000-5252-0	Augathella water renewals	General	\$12,222	24.44%	\$50,000	DES	Mains replacement in progress		
	Sub total			\$123,325	41.11%	\$300,000				

MURWEH SHIRE COUNCIL

CAPITAL WORKS PROJECTS
2022-23

Asset Class/GL Number	Job Number	Project Description	Funding source	Actual to date	% of budget	Budget Project Costs 2022-23	Responsible Officer	Officers update, ie % of completion, what's been done, commitments, etc	Project Status (traffic lights)	Progress (%)
Sewerage										
585-4000-0	8000-5350-0	Sewerage Augathella Annual Budget	General	\$0	0.00%	\$50,000	DES	On going renewal project		
	8000-5360-0	Sewerage Charleville Annual Budget	General	\$49,506	33.00%	\$150,000	DES	On going renewal project		
	8000-5370-0	Augathella CED Scheme	LGSSP 22-24	\$0	0.00%	\$1,874,000	DES	SMEC commenced preliminary design phase		
	8000-5375-0	Charleville Sewerage Treatment Plant Upgrade	LGSSP 22-24	\$0	0.00%	\$6,240,000	DES	SMEC commenced preliminary design phase		
	Sub total			\$49,506	0.60%	\$8,314,000				
Tourism										
	8000-2650-0	Augathella Heritage Museum	Building Better Regions	\$77,653	38.20%	\$203,301	John Nicholson	All internal panels and laminated story boards designed and being fabricated. Nothing as yet on site and 4th payment delayed until proof of installation has commenced.		
	8000-2660-0	Charleville Airport Museum	Building Better Regions	\$237,855	59.46%	\$400,000	John Nicholson	Xzibit visit in January to finalise details and get consensus from museum group on final design. Data and power connections identified as needing upgrade. Drawings produced and waiting go ahead from committee. Works now expected to commence anJune for July finish.		
	8000-2670-0	Charleville WWII Base	Building Better Regions	\$477,236	47.96%	\$995,000	John Nicholson	RSL room painting completed. Xzibit have been on site for final measure and detail. Full installation expected to start March for finish April		
	8000-2680-0	Outback Museum of Australia	Building Better Regions	\$121,979	1.88%	\$6,500,000	John Nicholson	Commiitted \$56K, project management. March Studios(Architects) selected. Architect visit and First Nations Consultation completed 3rd/4th Feb. Detailed information being collected for power requirement, soil testing and sewerage infrastructure prior to detailed drawings being available.		
				\$914,723		\$8,098,301				
Office Equipment/Other Equipment										
597-4000-0	8000-1782-0	Computers Renewals	General	\$0	0.00%	\$25,000	Richard Ranson	Purchased desktops. On going		
597-4000-0	8000-1790-0	IT/Finance and Records System	General	\$3,453	3.45%	\$100,000	Richard Ranson	Continuation of prior year. Committed \$151K. New finance system on hold pending CEO.		

MURWEH SHIRE COUNCIL

CAPITAL WORKS PROJECTS
2022-23

Asset Class/GL Number	Job Number	Project Description	Funding source	Actual to date	% of budget	Budget Project Costs 2022-23	Responsible Officer	Officers update, ie % of completion, what's been done, commitments, etc	Project Status (traffic lights)	Progress (%)
	8000-1794-0	Pool Vacuum Cleaner	General	\$18,965	94.82%	\$20,000	Richard Ranson	Equipment purchased. COMPLETE		<div style="width: 100%; height: 10px; background-color: #92d050;"></div>
	8000-1774-0	Equipment - Stock Routes	General	\$17,273	31.43%	\$54,950	Jamie Gorry	Quotes obtained - ATV and Trailer have been ordered, expected deliver of trailer in March. ATV in April.		<div style="width: 20%; height: 10px; background-color: #92d050;"></div>
	8000-1795-0	Install CCTV cameras at selected Council facilities	LRCIP 3	\$0	0.00%	\$100,000	John Nicholson	Consultation completed. Site visit by Pinnacle and additions incorporated as requested by Police. Full pricing received 2nd Feb and committed \$93,620		<div style="width: 5%; height: 10px; background-color: #92d050;"></div>
	Sub total			\$39,691	13.23%	\$299,950				
	Total Capital			\$3,556,763	13%	\$26,490,251				
Loan repayments		Current Loans Payments	General	\$93,184	48.06%	\$193,887	DCS	Due quarterly, two quarters paid		<div style="width: 20%; height: 10px; background-color: #92d050;"></div>
640-672-5000										
	Sub total			\$93,184	48.06%	\$193,887				
GRAND TOTAL				\$3,649,946	14%	\$26,684,138				

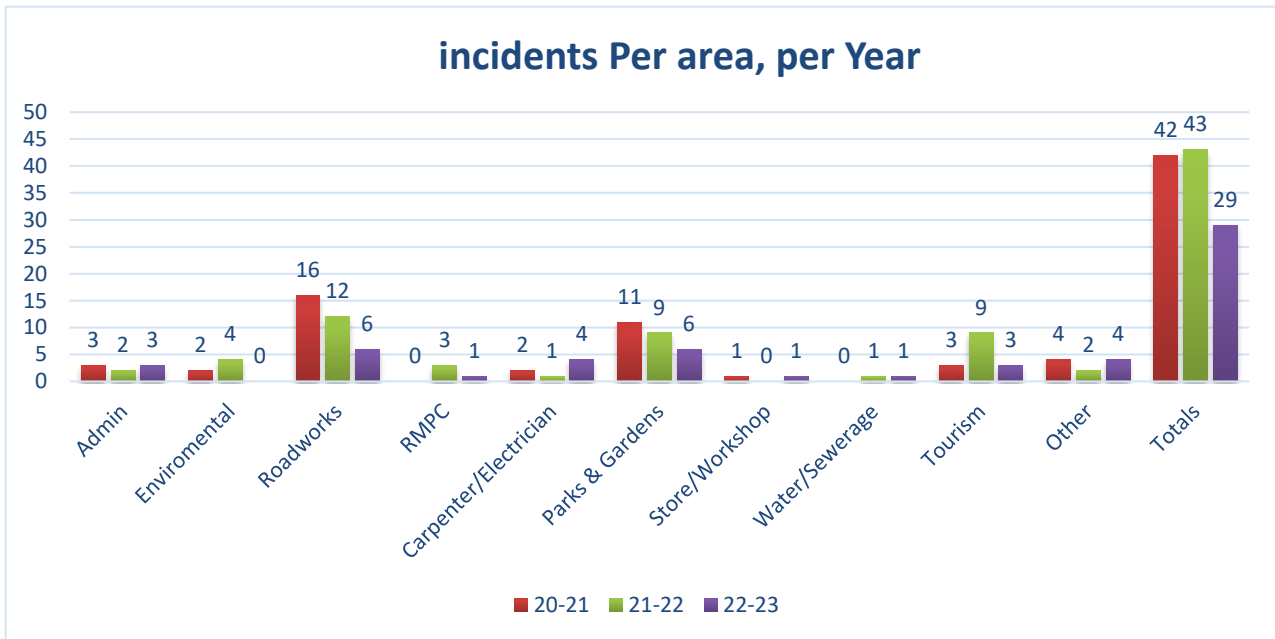
10.4 WORKPLACE HEALTH & SAFETY REPORT

Author: WH&S Advisor
Authoriser: Director Corporate & Regulatory Services

RECOMMENDATION
 That Council receives the report from Workplace Health & Safety Section.

BACKGROUND

INCIDENT REPORTS (since last report)			
IR #	Date	Details	Department
IR-396	14/02/2023	Heat Stress	Water & Sewerage



EMERGENCY EQUIPMENT

We are currently waiting on quotes on Spare Plant Fire Extinguishers, 4 Defibrillators, and 2 push button Fire Alarm systems for some of the high occupancy work areas/buildings so we can then go on to proceed to purchase this equipment.

RISK ASSESSMENTS

Risk Assessments are now being completed by all work groups. WHSA is working with the work groups to develop generic Risk Assessments for repetitive jobs. Also, workgroup areas are working on completing more Risk Assessments for any change or high-risk work jobs that are not included in our SWMS

HAZARD INSPECTIONS

A Hazard Report was sent in by Abigail Farraway the WW11 Coordinator this week, regarding the unsafe structure of the old shower block on Gordon Fraser Drive, which is part of the WWII-conducted tours. Officers are currently in the process of rectifying this unsafe structure and the high risk of someone getting hurt. The toilet block structure, if leaned on sways back and forwards, and there are a few trip hazards inside the building as well.

WHS Mia Keyes has also just currently inspected this structure and recommends tours entering or close to the structure be prohibited until at least short-term controls are put in place e.g. stay out signage and barricaded chain and posts.

FIRE DRILLS

Officers are still in the process of conducting Fire Drills in various work area buildings, and will continue throughout the year.

TRAINING

Due Diligence training for Directors, CEO, Executive Staff, Councillors, and the Mayor is currently being planned, final date for training is currently being locked in based on attendee availability.

POLICY

A new Policy **“Mental Health & Wellbeing”** is being developed. This policy will align with WHS Regulations amendment to deal with Psychosocial Risks in the WHS Act which will start on the 1st of April 2023.

Next WHS Meeting - TBA 2023

Think Safe

Work Safe

Home Safe

LINK TO CORPORATE PLAN

3.2.1 Safety and protection strategies meet community needs and expectations

ATTACHMENTS

Nil

10.5 ENVIRONMENTAL HEALTH, LOCAL LAWS AND STOCK ROUTES

Author: Director Corporate & Regulatory Services

Authoriser: CEO

RECOMMENDATION

That Council accepts the Environmental Health, Local Laws and Stock Routes Report

BACKGROUND

The following are the Key Outputs for Feb – March 23:

Animal Control (Town Dogs):

- 2 dogs Destroyed
- 3 re-homed
- 2 re-claimed
- 2 Dog attack reported and responded to
- 14 new Dog Registrations
- 1 Infringement notices
- 4 Feral cats destroyed

Authorised Inspection Program has been scheduled to commence on 16th of April, 2023.

Environmental Health:

- Actively monitoring overgrown allotments – 5 letters issued this month.
- Food Licence/venue inspections have begun in preparation for licence renewals.
- Letters sent to all food vendors in the Murweh Shire, informing them of new changes in requirements for food licencing and training standards.
- Town Ranger is continuing to provide contractor auditing and compliance RE: Landfill rehab.

Stock Routes Activities:

- 4 solar pumps installed on primary stock routes (State Funded Works).
- Site preparation completed for 2 new steel tanks and troughs to be installed at Culanama and Auga Clara water facilities.
- Spot-spraying of noxious weeds completed at all water facilities.
- Boundary Fence and square repaired in Shire impoundment paddock.
- Fire Breaks completed on Moven, Augathella and Charleville Commons.

- Blair and Colin to attend regional NRM forum in Roma on 09/03/23 – Blair to present on activities in the Shire, including new Biosecurity and Stock Route Management Plans
- Planning and preparation for the upcoming 10-80 Baiting Campaign is underway.
- Stock Routes team is planning a Pest Control Field day to be held in late April.

LINK TO CORPORATE PLAN

- 2.2.1 Stock routes are well maintained for stock movement and regulated use
- 2.2.2 Town reserves and public lands are well maintained for community access and recreational use.
- 3.2.1 Safety and protection strategies meet community needs and expectations

ATTACHMENTS

Nil

11 ECONOMIC DEVELOPMENT & TOURISM

11.1 VISITOR INFORMATION CENTRE REPORT

Author: Visitor Information Centre Officer
Authoriser: Director Economic Development & Tourism

RECOMMENDATION
 That Council receive the report from the Visitor Information Centre.

BACKGROUND

Visitor Numbers for January 2023

The Charleville Visitor Information Centre has again seen an increase in numbers from 2022. However, there is a slight decrease from January which is to be expected once school returns. February is typically the quietest month of the year for us.

Plenty of enquiries coming through by phone and over emails for the upcoming tourist seasons. We have seen an increase in future bookings, especially for the upcoming school holidays.

With Adrian’s Vowels cup on at the end of February, we saw an increase from the previous year’s visitors through the bilby centre and coming through our information centre. It was great to see so many participants checking out Charleville whilst they were in town.

Charleville VIC Walk in Stats													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2019	230	159	285	1333	1893	2150	2896	1666	1737	158	303	123	12933
2020	193	201	186	0	24	606	1333	1351	2183	1236	657	340	8310
2021	367	266	1134	3543	2086	6972	7169	3393	5040	2758	982	750	34460
2022	670	332	1311	3544	3433	6313	6703	4713	4660	2234	1022	544	35479
2023	677	656											1333

Charleville Visitor Information Centre Monthly Statistics

VIC Ticket Sales													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2019				\$8,628.70	\$14,945.60	\$18,756.00	\$23,363.00	\$18,574.00	\$15,838.00	\$5,457.00	\$315.00	\$436.00	\$106,313.30
2020	\$938.00	\$1,163.00	-\$1,597.00	-\$155.00	\$45.00	\$5,616.50	\$1,883.00	\$2,217.00	\$2,104.90	\$1,165.00	\$150.00	\$90.00	\$13,620.40
2021	\$253.50	\$652.00	\$5,662.00	\$38,494.00	\$135,175.50	\$155,037.00	\$89,740.00	\$63,299.05	\$601,109.75	\$42,029.50	\$10,453.00	\$10,526.50	\$1,152,431.80
2022	\$15,865.70	\$27,561.50	\$47,328.50	\$60,463.50	\$81,659.60	\$124,685.95	\$116,161.00	\$96,456.00	\$75,254.30	\$39,527.35	\$12,926.50	\$14,653.10	\$712,543.00
2023	\$12,507.35	\$23,675.00											\$36,182.35

Charleville VIC Merch Sales													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2019				\$960.35	\$1,638.50	\$1,585.90	\$2,382.80	\$2,499.50	\$2,061.30	\$801.00	\$169.40	\$115.35	\$12,214.10
2020	\$64.00	\$80.60	\$157.95	\$0.00	\$8.00	\$282.20	\$993.70	\$1,533.16	\$4,283.35	\$3,312.60	\$920.45	\$361.42	\$11,997.43
2021	\$339.85	\$928.27	\$2,443.00	\$9,571.16	\$10,675.56	\$13,192.06	\$18,033.90	\$11,226.40	\$15,583.38	\$7,981.86	\$2,432.05	\$1,873.87	\$94,281.36
2022	\$1,352.95	\$848.55	\$4,010.30	\$10,768.92	\$12,599.20	\$18,680.73	\$18,883.10	\$19,071.59	\$17,580.40	\$6,889.10	\$2,427.35	\$2,476.50	\$115,588.69
2023	\$1,487.40	\$1,379.25											\$2,866.65

Charleville VIC Phone Stats													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2019	103	91	125	159	139	156	206	223	219	131	92	37	1681
2020	83	138	111	59	78	199	101	153	277	183	149	40	1571
2021	124	84	325	461	652	1222	344	384	490	366	188	152	4792
2022	147	170	318	526	666	998	1019	725	554	349	255	109	5836
2023	159	206											365

Information Packs sent out													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2019	16	25	14	9	8	14	6	9	5	1	4	1	112
2020	3	6	5	5	3	8	4	0	0	0	2	2	38
2021	8	12	15	13	6	3	0	0	2	1	1	0	61
2022	0	7	9	10	5	9	6	16	5	4	1		72
2023	4	8											12

Bilby Report

Bilby Experience Pax													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021			231	1749	1559	1334	2928	1334	2418	1334	272	270	13429
2022	178	0	547	1633	1606	2515	2777	1890	1992	876	270		14284
2023	76	105											181

Bilby Experience Shows													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	0	0	15	72	61	101	102	48	64	37	23	19	542
2022	21	0	43	60	60	74	73	60	66	47	13	11	528
2023	8	11											19

Bilby Experience Donations													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	\$0.00	\$0.00	\$0.00	\$234.00	\$1,675.00	\$2,119.50	\$917.00	\$573.50	\$268.00	\$188.20	\$945.20	\$598.00	\$7,518.40
2022	\$1,139.00	\$30.00	\$535.00	\$432.00	\$1,724.60	\$1,530.70	\$684.25	\$755.05	\$572.00	\$318.00	\$1,200.00	\$309.05	\$9,229.65
2023	\$10.00	\$121.50											\$131.50

Bilby Experience Ticket Sales													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	\$0.00	\$0.00	\$10,342.00	\$28,066.00	\$27,707.50	\$36,706.00	\$42,812.00	\$20,063.00	\$28,297.00	\$12,236.00	\$11,067.00	\$4,718.00	\$222,014.50
2022	\$5,198.00	\$730.00	\$4,544.00	\$23,044.00	\$40,602.00	\$34,224.00	\$47,242.00	\$36,530.00	\$31,389.80	\$14,818.00	\$5,101.00	\$1,778.00	\$245,200.80
2023	\$3,265.80	\$4,495.80											\$7,761.60

Bilby Experience Merch Sales													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2021	\$0.00	\$0.00	\$3,797.30	\$19,972.21	\$21,037.95	\$19,960.25	\$30,501.45	\$13,486.00	\$17,504.35	\$12,646.00	\$6,562.25	\$1,397.40	\$146,865.16
2022	\$1,788.85	\$433.95	\$3,379.25	\$17,934.01	\$23,002.55	\$21,199.83	\$26,837.01	\$18,684.25	\$23,200.22	\$8,474.25	\$5,023.30	\$1,587.40	\$151,544.87
2023	\$1,532.50	\$2,209.20											\$3,741.70

Charleville Visitor Information Centre General Information

General Information

Emergency Assembly Point sign

In December the VIC conducted a fire drill. It was picked up during the drill that the VIC didn't have an emergency assembly point sign, this has now been rectified and the sign installed at the end of the carpark.



Savannah Guides

On the 20th and 21st the whole tourism department attended the Savannah Guide Training. The VIC team found this training, especially the second day beneficial. There was a lot of great feedback and discussion during the training. The Bilby Experience will be able to walk away and implement feedback provided by Michelle.

Augathella Famil

This was a great day out and was enjoyed by all. The team is now better equipped to entice visitors to visit and stay in Augathella. The team got to see all the accommodation operators, the transit centre, Augathella library and VIC, rodeo grounds, racetrack, butcher, Brassington park and Catfish collections. A big thank you to everyone in Augathella that welcomed the team.

Moreton Bay Expo 2023 – SWQROC

The SWQROC Moreton Bay Expo Stand was well received and experienced high visitation across the weekend. This was an excellent opportunity for tourism staff from neighbouring regions to network, familiarise and cross-promote attractions and upcoming events.

6 boxes of Experience Charleville brochures were distributed across the weekend, with stock running out late Saturday afternoon. The Outback Qld Guide was utilised after this.

Approximately 50%-60% of people spoken with were familiar with the Experience Charleville product. Bilbies being the most recognised attraction. Very positive feedback from people who have already experienced our region and commenting they were keen to revisit.

The expo was a perfect opportunity to promote Charleville's newer tourism addition eg: The date Farm tour, this sparked a lot of interest and prompted discussions to visit soon or revisit.

The majority of enquiries were from younger families and younger couples looking to do shorter, more regular, trips, which was very encouraging due to Charleville historically being a strong 'grey nomad' destination. Great opportunity to raise awareness of our booking system, booking online or through our Visitor Information Centres. Very well received due to many families planning their school holiday travel itineraries.

Maps displayed on the stand provided a great visual for all our localities, the travelling from one region to another and discussing drive itineraries with potential visitors. These promotional expos provide the perfect stage to promote our region (and neighbouring regions), tours, attractions and

events. Potential visitors enjoy a face-to-face meeting with someone from the region, this enables us to encourage people to pre-book tours, packages etc in high visitation periods, as well as reassuring them in regards to road conditions/surfaces, services, accommodation and all things outback.

Charleville Visitor Information Centre Feedback

'First visit in the outback. Coming from France it was a long travel and a great experience. Thank you.'

'Great Experience - Love Charleville'

'Really nice service. Thanks'

LINK TO CORPORATE PLAN

1.3.1 Council has in place operational systems and capacity to deliver strategic priorities and core operations.

ATTACHMENTS

Nil

11.2 COSMOS CENTRE REPORT

Author: Cosmos Centre Coordinator
Authoriser: Director Economic Development & Tourism

RECOMMENDATION

That Council receives the February Report from the Cosmos Centre & Planetarium.

February has been a big month preparing for the season.

We had all telescopes serviced which are deemed in great working order. We were told that these scopes have been looked after very well over the 20 years since their installation and should be good for another 20 years. This may be an exaggeration but great to know our telescopes are in top condition.

Savannah Guides – based in Cairns – is an organisation and group of guides around Australia that hold networking events, accreditation for guides, and also provide training workshops. We had them visit for a 2-day workshop with our new staff which was a massive success. The team bonding alone was invaluable, but a lot of tips were shared in regard to improving our tours and direct feedback for the coordinators and guides. One of the biggest take-aways for the Cosmos Centre is delivering the tours in an easy to interpret story that our guests can take back to their campfires, share with the other guests and brag about how they can use the knowledge shared to find some objects in the sky – something they can remember as they are travelling Australia and looking up at the sky each night.

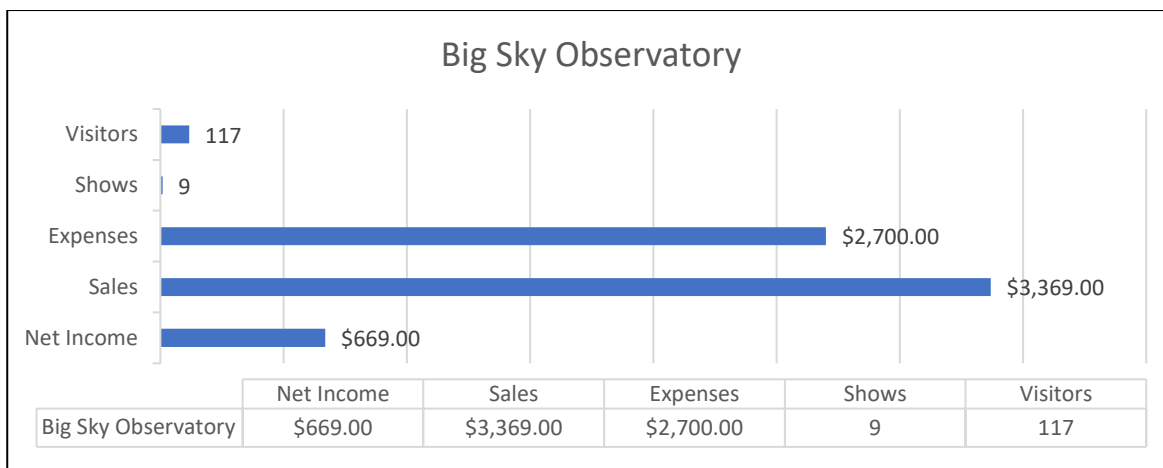
The Cosmos also begun day and night training for the new staff under a new training program. Staff levels and training is on track to run an efficient and profitable season.

Below is the performance of the Centre and each product.

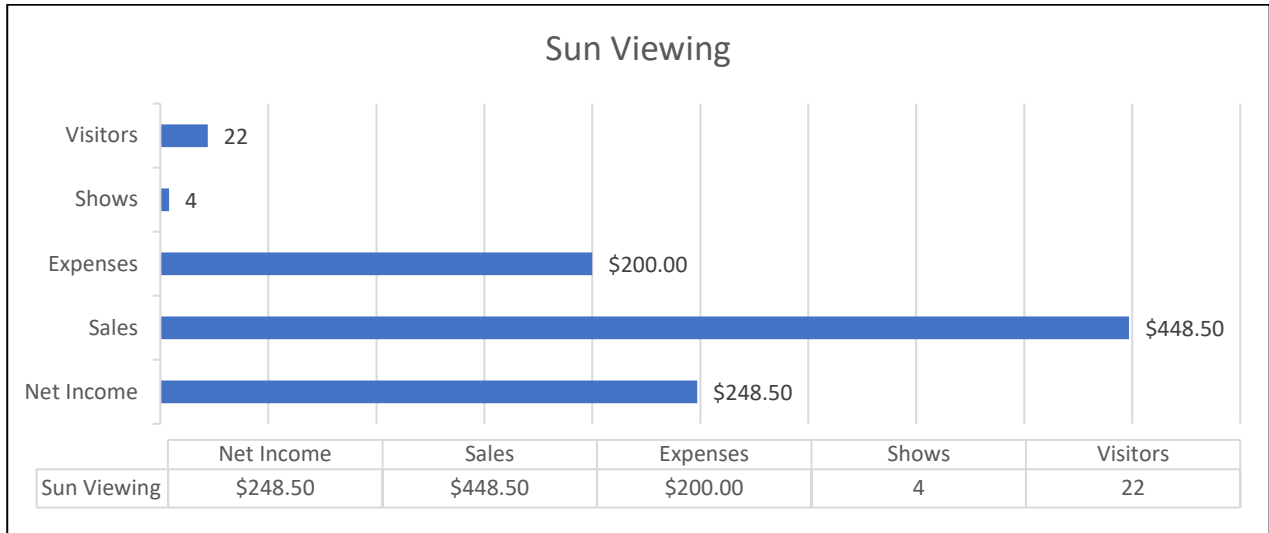
Monthly Statistics for February 2023

Expenses are calculated using only staff wages at wage + 25%, accounting for penalty rates when applicable and excluding the coordinator.

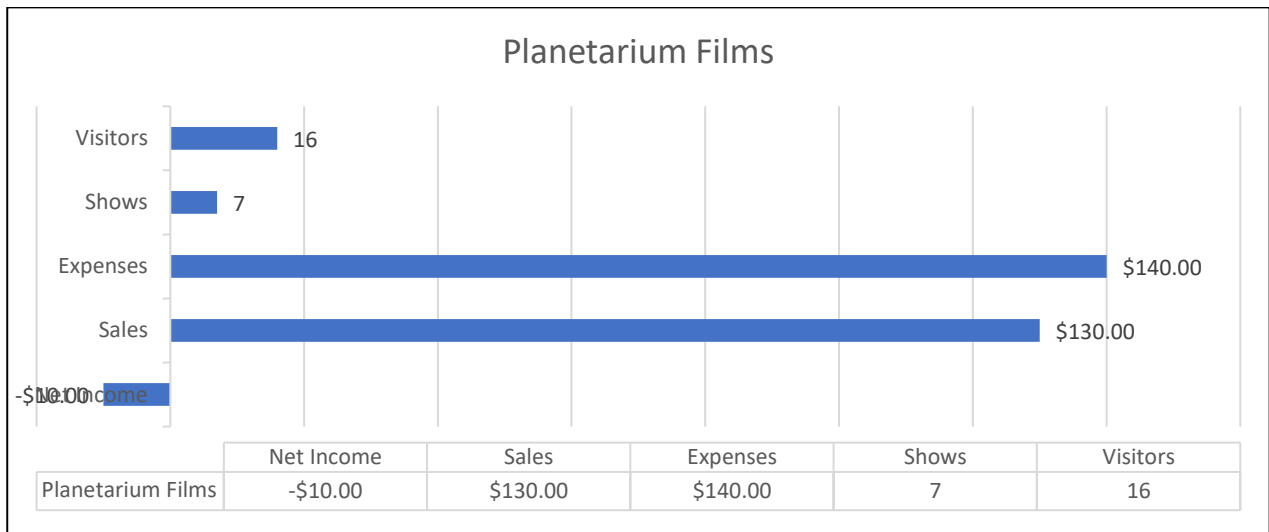
Big Sky Observatory – Income and Expenditure



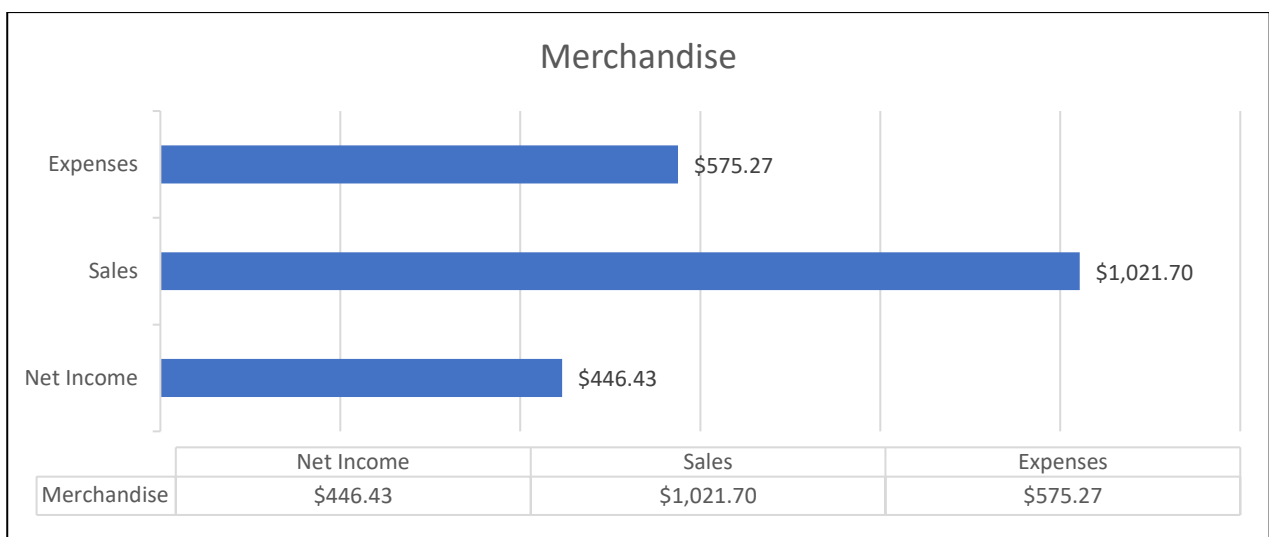
Sun Viewing – Income and Expenditure



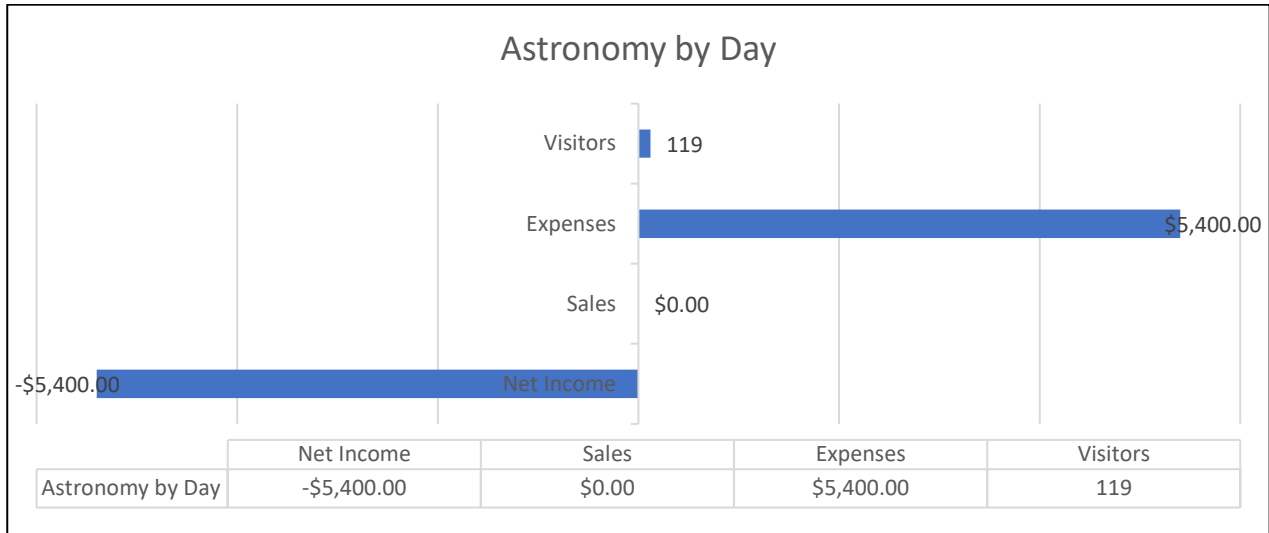
Planetarium (Films) – Income and Expenditure



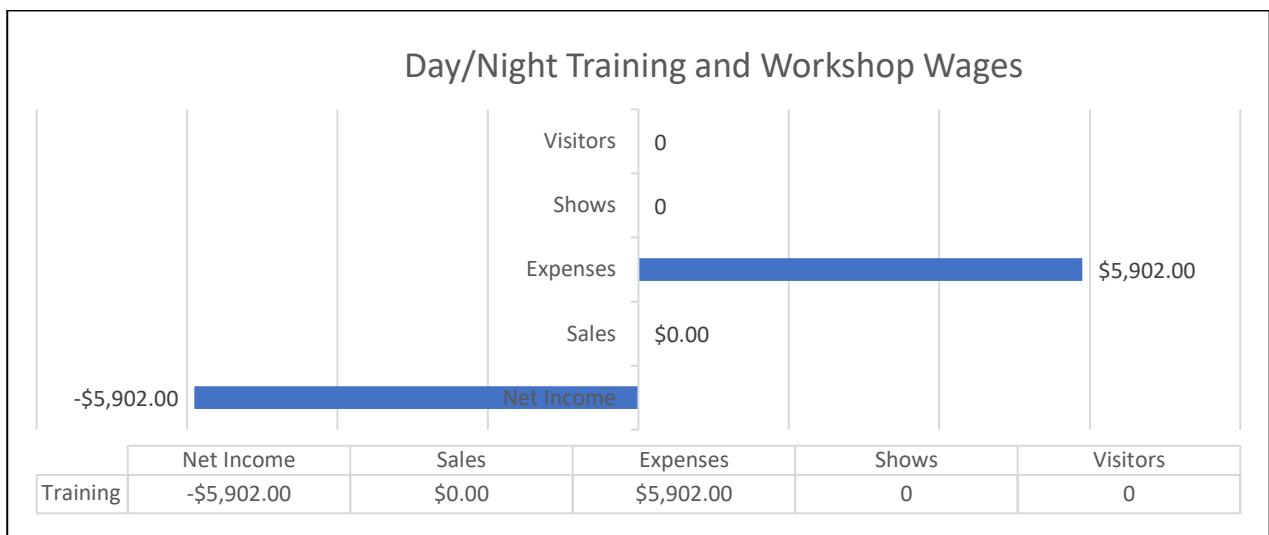
Merchandise Sales - Income and Expenditure



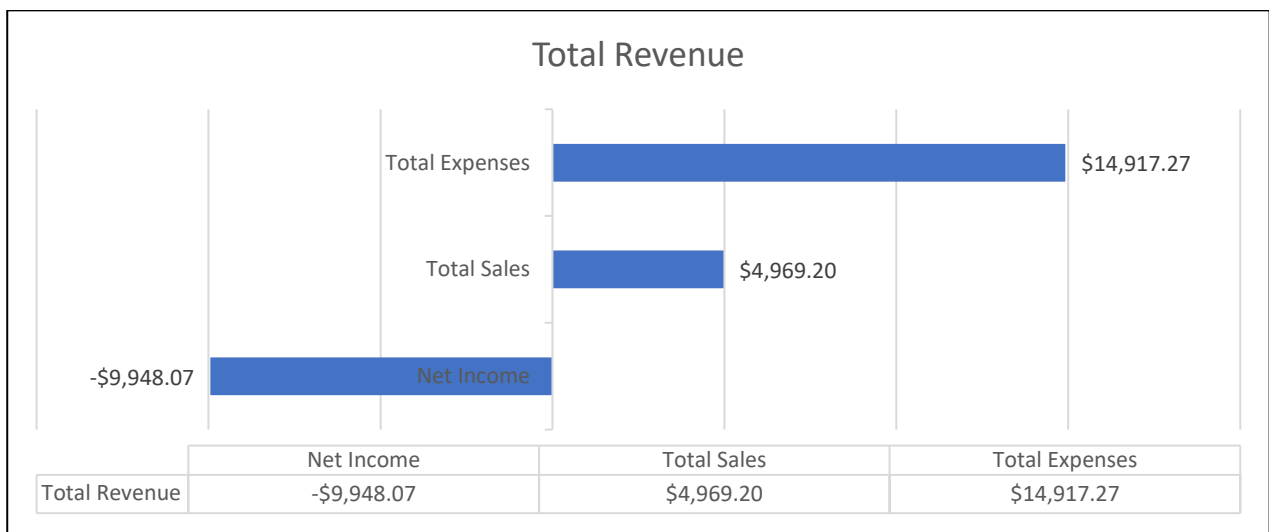
Astronomy by Day (Interactive Exhibit) – Income and Expenditure



Training and 2-Day Workshops – Wages



Net Income



LINK TO CORPORATE PLAN

- 1.1.3 Council has in place operational systems and capacity to deliver strategic priorities and core operations.
- 1.3.1 Council has in place operational systems and capacity to deliver strategic priorities and core operations.

ATTACHMENTS

Nil

11.3 HALFWAY THERE SHINDIG

Author: Director Economic Development & Tourism

Authoriser: CEO

RECOMMENDATION

That Council allocates \$40,000 from Council's Events budget for the purpose of organising a full day of activities for Charleville's 'Halfway There Shindig' on Saturday 1st July 2023

BACKGROUND**Purpose**

To attract and encourage visitors travelling to Birdsville's Big Red Bash to stay in Charleville for at least one night.

Discussion

The Big Red Bash is celebrating its tenth year this year and has a mega line-up of stars, from Icehouse to John Williamson and Troy Cassar Daley. 16,000 people are expected to attend this year and it is expected that many of these will be travelling through Charleville.

Additionally, Charleville will be hosting and celebrating 60 years of the Zone 4 Rugby competition on the same weekend, which will bring many more visitors to town.

Consultation

Amanda Evans, Council's Marketing Officer has put together a program of events for the day, integrating a zone 4 parade through the town with some decorated floats. Slim Dusty's children, David and Anne Kirkpatrick, are keen to attend and unveil a plaque honouring their father and song 'Charleville'. These events will be followed by Market Stalls and Food Vans, then music from Robbie Mortimer, Russell Dewhurst and David Kirkpatrick's band, a Vintage car show and a Fire Drum competition in the evening.

Financial Risks

Main expense of the day comes from the booking of musicians, their transportation and accommodation, but these are items that are covered within the requested \$40,000.

Environmental Risks

There could be a fire risk, but a licence will be sought and Fire Marshalls engaged to mitigate any such risk

Social Risk

This event will enhance the social connectedness of the Murweh Shire communities

Legal Risk

The event will be covered by Council's public liability risk insurance.

LINK TO CORPORATE PLAN

1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .

ATTACHMENTS

1. **Proposed Itinerary of Events** [↓](#)

Halfway There Shindig (1st July 2023 - Proposed Outline)

Week Prior

- Required area in showgrounds taped off to prevent use from campers etc

Friday 30th June

- Stage Set Up
- Stallholder site markings
- Fire drum site markings

Saturday 1st July

Time	Details	Location
8am – 12pm	Fire Drum Drop Off Fencing erected and timber for burning in place Sound Check - Bands	Showgrounds
9.30am	Street Parade: <ul style="list-style-type: none"> • Zone 4 Footy • Vintage Cars • Parade Floats • Dance School • School Band 	Wills Street
10am	Slim Dusty Plaque Presentation	School of Arts Hotel, Corner Wills Street & Edward Street
2.00pm - late	Market Stalls, Food Trucks	Showgrounds
2.00pm – 4.20pm	Vintage Car Show	Main Arena, Showgrounds
3.00pm – 7.00pm	Kids Activities (Blue Light Laser Tag, Face Painting etc)	Main Arena, Showgrounds
3.00pm – 3.45pm	Music - David Kirkpatrick	Showgrounds
3.55pm – 4.30pm	Music – Russell Dewhurst	Showgrounds
4.30pm	Fire Drum Judging & Lighting	Showgrounds
4.40pm – 5.25pm	Music – Robbie Mortimer	Showgrounds
5.30pm - 6.00pm	Welcome Fire Drum Winners Announced	Showgrounds
6.00pm – 6.30pm	Slim Dusty Tribute	Showgrounds
6.35pm – 8.35pm	Music – Russell Dewhurst	Showgrounds
8.45pm– 9.30pm	Music – Robbie Mortimer	Showgrounds

- Zone 4 Carnival will finish approx. 2pm

11.4 WWII SECRET BASE & TOUR REPORT FEBRUARY 2023

Author: WWII Secret Base Coordinator
Authoriser: Director Economic Development & Tourism

RECOMMENDATION
 That Council receives the WWII Secret Base & Tour report for February 2023.

WWII SECRET TOUR



WWII Tour Jan 23	
Surplus	\$308
Expenditure	\$800
Total receipts	\$1,108
Total visitors	17
Number of tours	5



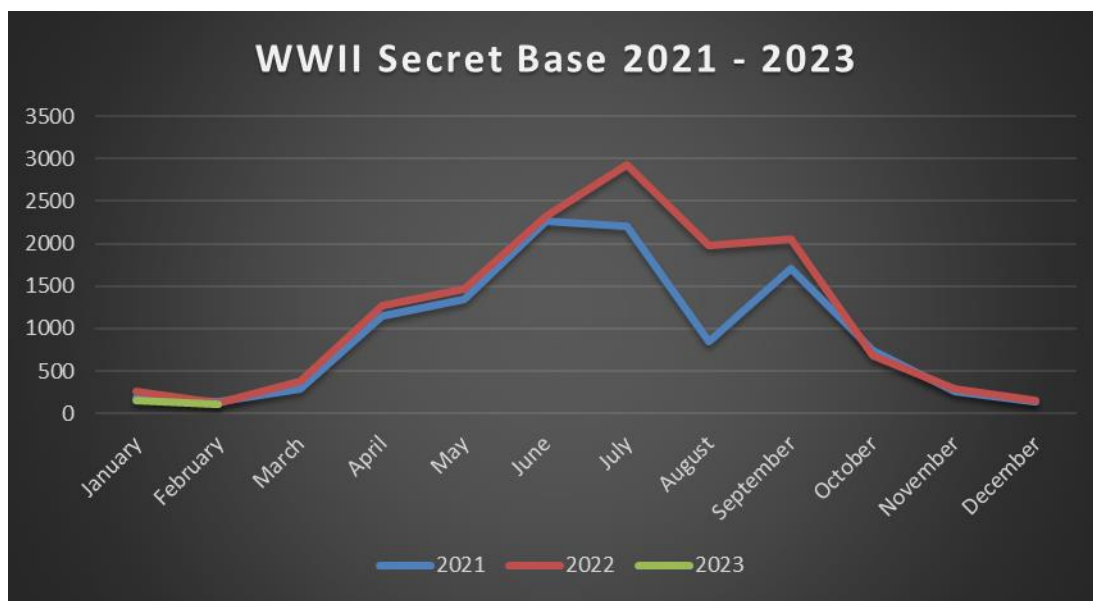
WWII Secret Tour

It's been on trend for February to be the slowest month for tours in general with the heat often steering travellers away from the Outback region. We did still see a 13% increase in guests attending the tour compared to 2022.

WWII Secret Base



WWII Secret Base Jan 23	
Surplus	-\$804
total expenses	\$2,460
total receipts	\$1,656
Total visitors	98
Hours open	82



WWI Base

Through the month of February 2023, the base had a total of 115 visitors. As mentioned with the tour February is consistently the quietest month of the year with fewer people travelling in general.

Merchandise



Amount of items	Cost	Net income
19	\$ 75.00	\$ 145.00

General WWII business

The WWII Secret Base has been focusing on preparing for the upcoming tourism season and installation of the new stages.

The Savannah guides workshop was a great experience with our guides taking in all the feedback they had to offer and finding new ways to improve their current tour styles. All the feedback provided from the workshop in regards to ways we can improve the operation of the tour such as radios for communication between sites, techniques to get guests more involved and small adjustments that can help us keep guests more comfortable have been noted and we are working to implement them where possible.

The installation of stages 2 and 3 is fast approaching and all the proofs for the base have been approved. There are a few concerns with the flooring not being complete in the RSL subbranch, they can install it without the flooring but it will be more expensive to complete the floor after the installation.

The second concern is the B17 model plane not being completed before the deadline. This is difficult to work around as the only way to get the plane inside is through the RSL subbranch and once that is installed into the display it will be impossible to move. Being inside the exhibit will mean that work done on the plane will be limited to the times we are closed and harder to access taking even longer for the plane to be complete. A temporary solution for the display will be covering the half-complete plane in camouflage netting with a coming soon sign.

LINK TO CORPORATE PLAN

- 1.3.1 Council has in place operational systems and capacity to deliver strategic priorities and core operations.

ATTACHMENTS

Nil

11.5 MONTHLY REPORT

Author: Director Economic Development & Tourism

Authoriser: CEO

RECOMMENDATION

1. That Council accept the Economic Development & Tourism report.

GENERAL TOURISM

February is historically the slowest month of the tourism year but, thanks to the influx of visitors attending the Adrian Vowles Cup at the end of February, numbers were similar to the January Visitor Information figures of 677 visitors in the month)

We are now entering the shoulder period of March April and May where revenue should now catch up with the annual expenditure. June and July are the high season months where historically numbers jump to around 6,500 visitors per month.

During the low season, facilities run on minimal staff and much of the work is directed to preparation for the Tourism season – marketing, advertising, product enhancements, recruitment, training and scheduling of tours and excursions.

February activities have included staff participation in a familiarisation tour around Augathella, representation at the Moreton Bay Tourism Expo and just last week (March) attendance of 2 staff at the Brisbane Tourism Outback Muster – the major trade show for Queensland tourism.

The revamped Experience Charleville website is all but completed and already is much more user-friendly, attractive and now primed for a much bigger transition to on- line bookings, which will free up counter staff at the Information Centre.

We are actively encouraging accommodation providers to use our on-line booking system to improve their reservation figures and are talking to 2 new tour providers to list their product on the Experience Charleville site.

Tourism Budgets

The overall budget is holding well against the budgeted revenue of \$1,577,000 (*\$1,216,048 currently received*) and against the budgeted expenditure of \$2,557,463 (*\$2,002,687 currently expended*)

With the main revenue months just ahead, revenue this year should exceed budget expectations.

Tourism Expenses. It is worth pointing out that staff wages are a minor, but important, proportion of expenses. Tourism expenses include signage, facility maintenance and cleaning, advertising, marketing, product development, Exhibitions, telescope calibration and repairs, Cosmos Centre software and equipment upgrades, renewals and merchandise.

ECONOMIC DEVELOPMENT**Building Better Regions**

The four projects: - Augathella Experience (Cultural Centre) \$320,000 – The World War II Stage 2 Expansion (\$995,000) – The Airfield Museum (\$450,000) – Outback Museum of Australia (\$6.5 million) are progressing well after a few hiccups along the way. World War II should be the first project to be finished (mid-April) followed by Augathella, Airfield and then the Outback Museum

Langlo Cemetery

Council is engaged with the two historians Nancye Shrapnel and Jane Wilson to identify and mark gravesites in the cemetery. The Work Camp have already been to Langlo to clear the cemetery, and Council has supplied cement to the work camp for the forming of plinths to be installed at the site.

There is a wealth of information available on the lives of those in the cemetery and it is hoped that this will develop into an important tourism feature of the Murweh Shire

Grants

Morven Recreational Floodlights. \$100,000 applied for through Gambling Community Benefit Fund
Charleville Historic House. \$80,000 applied for outbuilding construction.

Goat Auctions

Amanda is currently working with the organisers of the annual goat auctions in Charleville to make this a full field day of activity, and to set Charleville up as the goat centre of Queensland. The current date is set for just after the Charleville show, but we are in discussion now about moving this to the end of September.

EVENTS

While recruitment is on-going for an Events coordinator, Amanda has been coordinating the Augathella Easter weekend with the progress association and is organising the 'Halfway There Shindig' event for July to include fire drums, parades, vintage cars and live musicians.

LINK TO CORPORATE PLAN

- 1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .

ATTACHMENTS

Nil

11.6 TOP TOURISM AWARD

Author: Director Economic Development & Tourism
Authoriser: CEO

RECOMMENDATION
 That Council agrees to defer decision on entering the Top Tourism Award submission until 2024

BACKGROUND

The Queensland Tourism and Industry Council (QTIC) has extended the closing date for the Queensland Top Tourism Town Awards from 6th March to 4th April 2023 (opened on 4th February). The awards are to recognise towns that work together with their tourism operators, businesses and local community.

Purpose

To promote small outback towns and communities as a top tourism town

Discussion

Extension of the closing date is likely to be through a combination of factors. A lack of nominations from other Councils, the short lead in time to make a submission (4 weeks); The timing of the submission in the weeks leading up to the Tourist season, the depth and quality of the material needed to be collated, and the resources needed to put it all together.

The requirements of this award demand :

Description of the Town	Possible
800 word editorial documentation	Possible
Presentations to be focused on one target group	Possible, but we have a large diversity of visitors.
6 creative photos to evoke emotional response	To identify and choose if suitable.
2 creative photos linked to the editorial	Possible if in stock.
1 -2 minute promotional video highlighting attractions	To identify if in stock and for target group

All possible if we have all the elements and staff that could put all this together in 2 weeks, but we do not.

Consultation

Council marketing team

I believe that in order to put together a quality submission, we would need to identify the target market (is it racegoer's or someone else?) and employ the assistance of an external content writer for the editorial component.

Griffith's Dr Sheila Peake.

I had a read through the criteria, and I really don't think the material ie photos, videos are readily available.

Also, the website in its current form does not really reflect the diversity of great product available in the Shire, and that's the first place judges will go to.

I think this is something we need to look at for next year, and in the meantime get Amanda to get someone to do a good video.

Financial Risks

None

Environmental Risks

None

Social Risk

Perception that Council should put in for every award that is possible.

Legal Risk

None

LINK TO CORPORATE PLAN

1.3.1 Council has in place operational systems and capacity to deliver strategic priorities and core operations.

ATTACHMENTS

Nil

11.7 OUTBACK MUSEUM OF AUSTRALIA

Author: Director Economic Development & Tourism

Authoriser: CEO

RECOMMENDATION

That Council: -

- 1) endorses the location of OMOA to site 3 (the original site)
- 2) approves the ERGON scope of works for relocation @ \$36,698
- 3) approves the ERGON scope of works for a padamount transformer @ \$ 66,245

BACKGROUND

The Outback Museum of Australia forms part of the Building Better Regions Tourism Precinct project.

The successful architects March Studios proposed a re-location of the building from the original location (3) to the centre of the open space adjoining the Cosmos car park and Planetarium (1 & 2)

This relocation created a situation where a power pole and cables need to be diverted.

Ergon have now confirmed that these works, including a new transformer will come to approximately \$130,000. However, there will be no cost if we revert to our original location at point 3.

Griffith and March Studios are pressing for Council to confirm the locations 1 or 2 chosen by them, but site visits by Council's engineer, electrician and plumbers suggest that site 3 would be preferable for Council and the World War II carpark could be used for visitor parking.

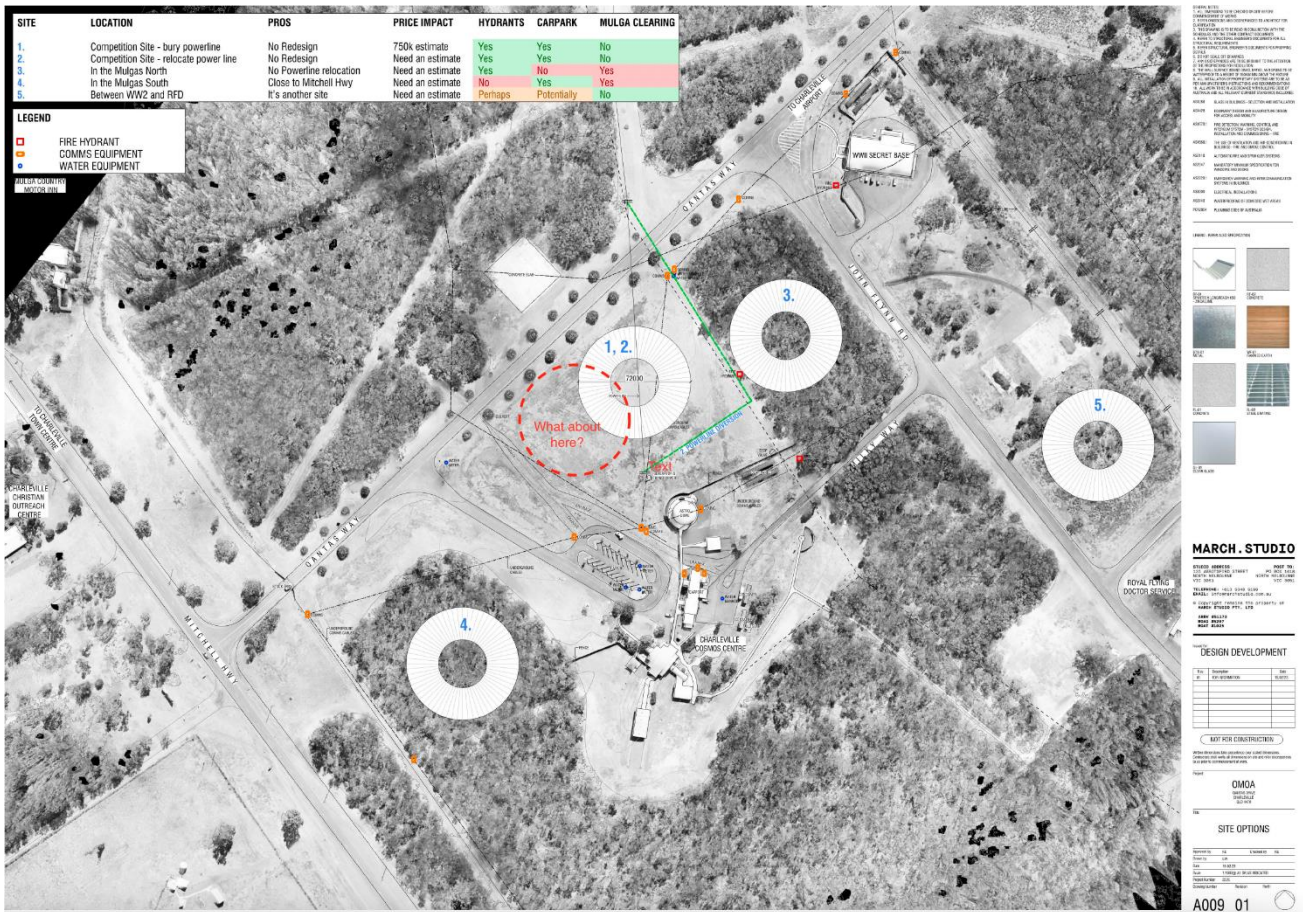
(Griffith has expressed concerns that any cutting down of mulga would be subject to strict monitoring and licensing, and that the cost of removing the trees by their roots would be very expensive at their estimate of \$800 per tree).

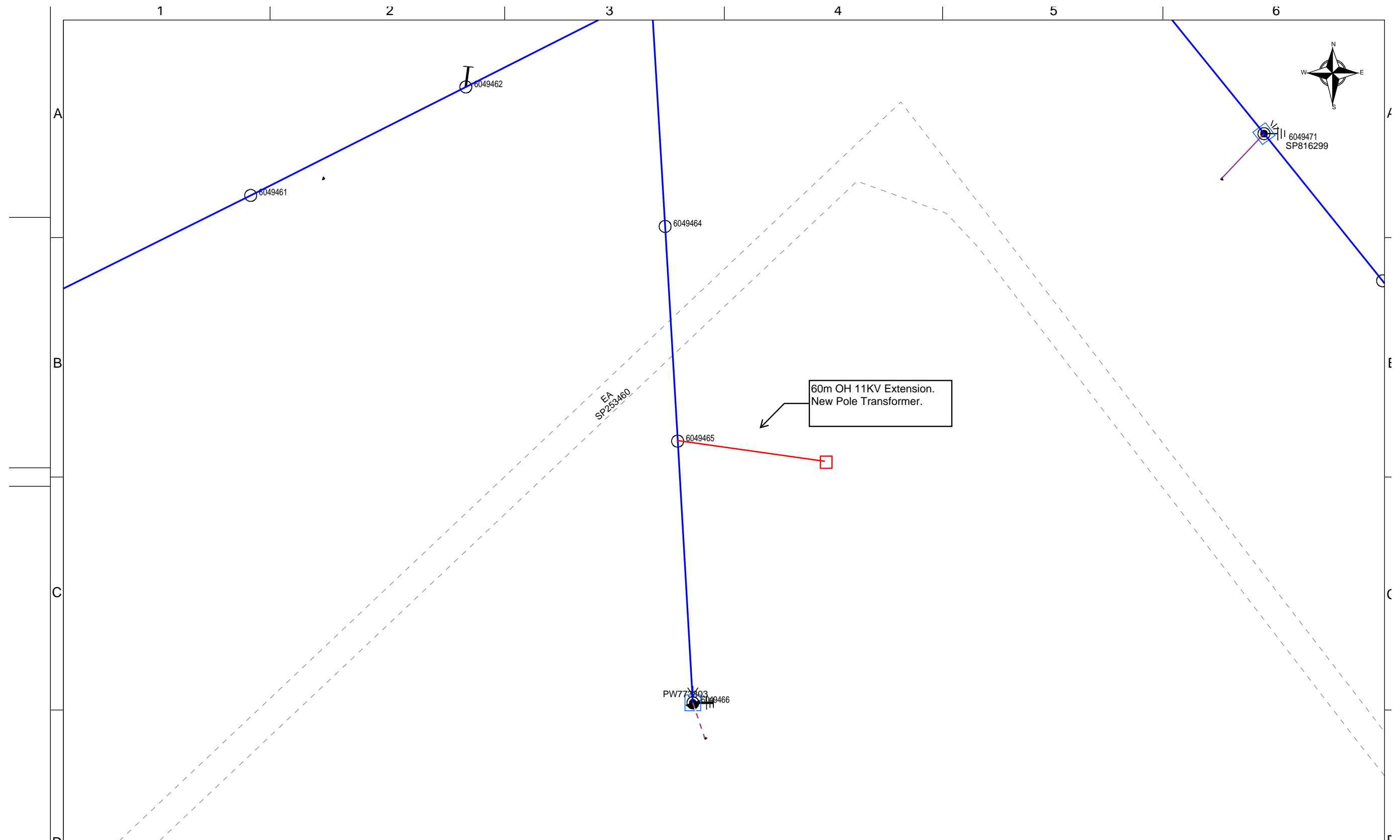
LINK TO CORPORATE PLAN

- 1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .

ATTACHMENTS

1. **Suggested site locations** [↓](#)
2. **Power Connections Option A** [↓](#)
3. **Power Connections Option B** [↓](#)
4. **Ergon quotation** [↓](#)
5. **Griffith Site recommendation** [↓](#)





ORIGINAL ISSUE OA DRN: DATE 07/03/2023	LEGEND Segments (Electric) Cable Segment LV Route - 415,000 V Existing Connector Point Installation External Location - Termination LV Existing Connector Point Installation External Location - Earth Existing Wire Segment LV Route - 11,000 V Existing Wire Segment LV Route - 415,000 V Existing Equipment (Electric) Isolating Equipment Installation External Location - LV Existing Isolating Equipment Installation External Location - HV Existing Power Transformer Installation External Location - Existing Service Point LV Location - Existing Service Point HV Location - Existing Distribution Structures (Electric) Pole Existing Location Pole Existing Location - HV Pole Existing Location - HV/LV Pole Existing Location		Substation Site (Electric) Substation Existing Location - Pole Mounted Distribution Substation Existing Location - Pole Mounted Distribution Network High Voltage HV Post - Existing Network High Voltage LV Post - Existing Other (Electric) General Equipment Location - Pole Equip Existing Project Region Area - Dashed DCCB Test (Operational) - Dashed Dir. Lot Plan Test Name Annotation DCCB Operational - Dashed Land Parcel Area Query Equipment Area Query Land Parcel Area Query Dir. Lot Plan Test Name Annotation Equipment Area Query		REFERENCE DRAWINGS		REVISION CONTROL Drawn: _____ Date: _____ Checked: _____ Date: _____ Approved: _____ Date: _____				Drawing Status: Project : _____ Contract/Quote No.: _____ WR1821796 Work Order : _____ Scale 1:1250 Sheet 1 of 1	
	OPTION B Install 60m OH 11kV extension with pole transformer											
	(Empty row for additional details or notes)											
	(Empty row for additional details or notes)											

Good afternoon Raju

After a site meeting last week I have been given two options by our designer for the work you wish to do

Plan A is the relocation works and the new padmount transformer.

Relocation works \$36,698

New Padmount transformer \$66,245

Plan B – overhead line and new pole mounted transformer \$0

Please note: our planning team are still assessing the connection to the network of the equipment, but this will not change costs to you – this should be ready in about two weeks, so if you decide which option you wish to go with, I can provide a formal offer to you then which will include construction timeframes

Regards

Karen

Karen Humphrey

Customer Project Sponsor

Connections Solutions | Customer & Market Operations

Hours:

Monday/Wednesday 6:00 – 3:00

Tuesday/Thursday 8:00 – 4:30

Friday 8:00 – 3.30



Ergon Energy Network

453 South Street, Toowoomba QLD 4350

P 07 4616 2439

E karen.humphrey@ergon.com.au

ergon.com.au

MARCH.STUDIO

15 March 2023

Sabine Taylor
CEO
Murweh Shire Council
95-101 Alfred Street
Charleville QLD 4470

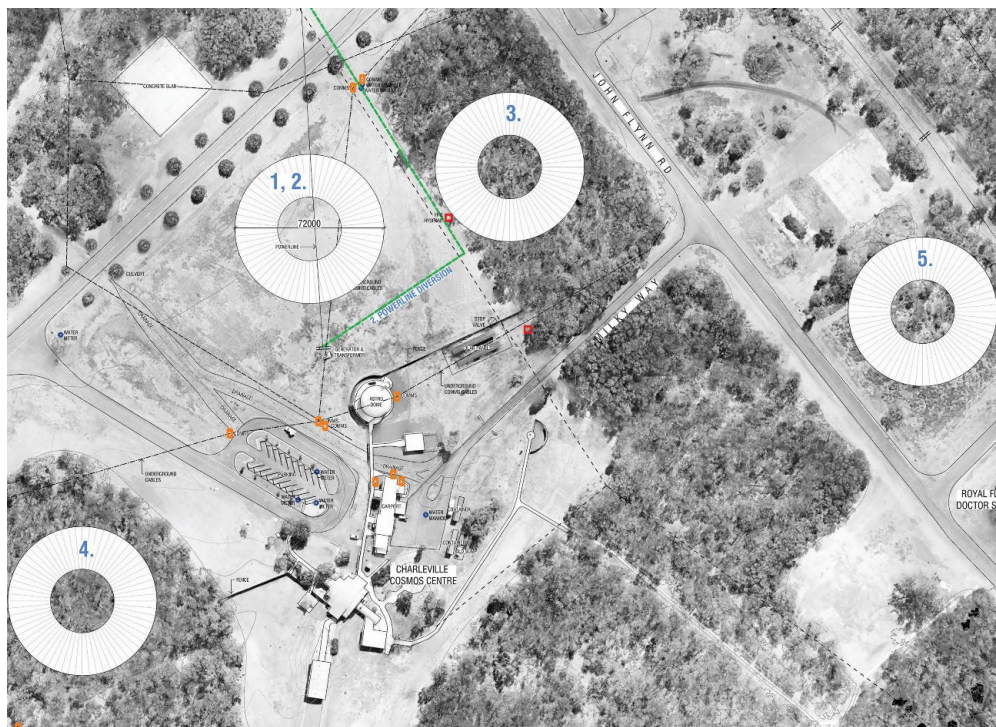
Dear Sabine,

Re: OMOA - Siting Options

On the 23rd of February 2023 March Studio produced five potential site options for the Outback Museum of Australia in Charleville.

Site 1,2 were the same site but with different powerline diversion tactics to enable costings to be produced by Ergon.

The options for your reference were as below.



In our meeting last week it was stated by Council that Site 4 and Site 5 were not viable. As a result, we are left to contemplate Site 1,2, or Site 3.

A 135 ABBOTSFORD ST. NORTH MELBOURNE. VICTORIA 3051
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W MARCH.STUDIO

MARCH.STUDIO

Today in our weekly catch-up John Nicholson stated that the quote from Ergon energy to relocate the infrastructure on Site 1,2 would be \$110,000.00. We do not have a copy of this quotation, and whilst it is still a significant amount of money, it is not as much as the original estimate given by the previous CEO, which was \$750,000.00.

John also stated in our meeting that Council was weighing up the pros and cons of Site 1,2 verses Site 3.

It is our strong opinion to remain with the original Site 1,2 and relocate the power and communication on site, for the following reasons.

1. Architectural Intent / Running costs / Sustainability

The high volume spaces and entrance to the building has been designed to the Southern side of the building. The Southern side is the cooler side meaning these spaces will be mostly in shade throughout the day.

Moving to Site 3 and using the WW2 Secret Base carpark as the entrance point would require the building to be rotated 180 degrees. The result of this rotation would result in these spaces being flipped to the North, North Western sun which would result in a higher exposure to the extensively hot sun.

Given the extreme temperatures in this climate, we do not believe this is a good outcome and will result in higher running costs for cooling. It would also just be quite uncomfortable.

2. Architectural Intent / Curtilage

Site 1,2 has a far better relationship to the Mulga, the Cosmos Centre, and the WW2 museum. There is limited curtilage in Site 3 as it is too close to John Flynn Road.

3. Access across John Flynn Road

If Site 3 were chosen, a crossing should be installed to enable visitors a safe crossing of John Flynn Road.

There would be an associated cost to the installation of this.

4. Mulga

If we opt for Site 1,2, the native Mulga bush could be retained for the Mulga Walk. This would be an immersive walk and an opportunity to interact with the unique landscape.

If the Mulga were cleared to enable Site 3, there would be detrimental ecological impacts including increase in thermal load on the immediate area and increase in dirt/dust being kicked up during high winds. Removing the native Mulga could also result in foreign species of planting being introduced which would have a negative impact.

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There would be a cost associated with thinning out the Mulga and this should be calculated against the power relocation.

Due to the size and age of the Mulga it would be prudent to suggest that this should be cleared through DERN's Mulga mapping.

5. Additional Consultant Costs

We would need to send the geotechnical engineer back on site if we moved to Site 3 - additional cost approx. \$7000

We would need to update our drawings, re orient the project and there would be a delay for us to do this effectively.

6. Servicing

Site 1,2 is far better connected than Site 3 to inground services.

The engaged Service Engineers 'Floth' have provided the following implications in moving from Site 1,2 to Site 3.

- Additional pipework length required for sewer connection on west of the site.
- Additional length of LV consumer mains from existing SMSB to location of Site 3. Note that the size of these consumer mains will likely increase to overcome voltage drop due to the increased length.
- We may need to consider additional external lighting for pedestrian movements from WWII car parking to Site 3.
- We have assumed Site 3 is on the same title as the Cosmos Centre, if not, this would further impact services costs as services would not be able to cross titles.
- The inground water tank would impact existing tree root systems of adjacent trees.
- We note that in our experience, a cost of approx. \$110,000 to underground overhead cable HV over a length of approx. 200m is a very favourable outcome for Council (this can often cost up to \$4000/m depending on ground conditions) and the cost of services upgrades / relocations / extensions should be considered holistically when factoring these costs into determining final site location.

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7. Engineering

The engaged Structural Engineers 'Aldanmark' have provided the following implications in moving from Site 1,2 to Site 3.

- The major effect of relocating to site 3 from our point of view is the foundation depth. Currently we are proposing strip footings founded at 600mm below ground level based on the soil report providing 100kpa bearing pressure at this depth. If site 3 is to be cleared of trees, the tree roots must be removed and in doing this, the subsoil will be disturbed. Therefore, additional costs will occur due to having to excavated deeper and increased volume of construction materials to get back up to ground level. We will obviously need another soil test (after the trees have been removed) to confirm these acceptable depths. This is also effects the depth of tank ensuring this is below the root zone of the trees.

In conclusion, now that we have the price from Ergon Energy to relocate the services on the site, the design team sees no benefit in moving the project to Site 3.

Kind regards



Rodney Eggleston
Architect / Director

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W MARCH.STUDIO

12 COMMUNITY & HEALTH SERVICES

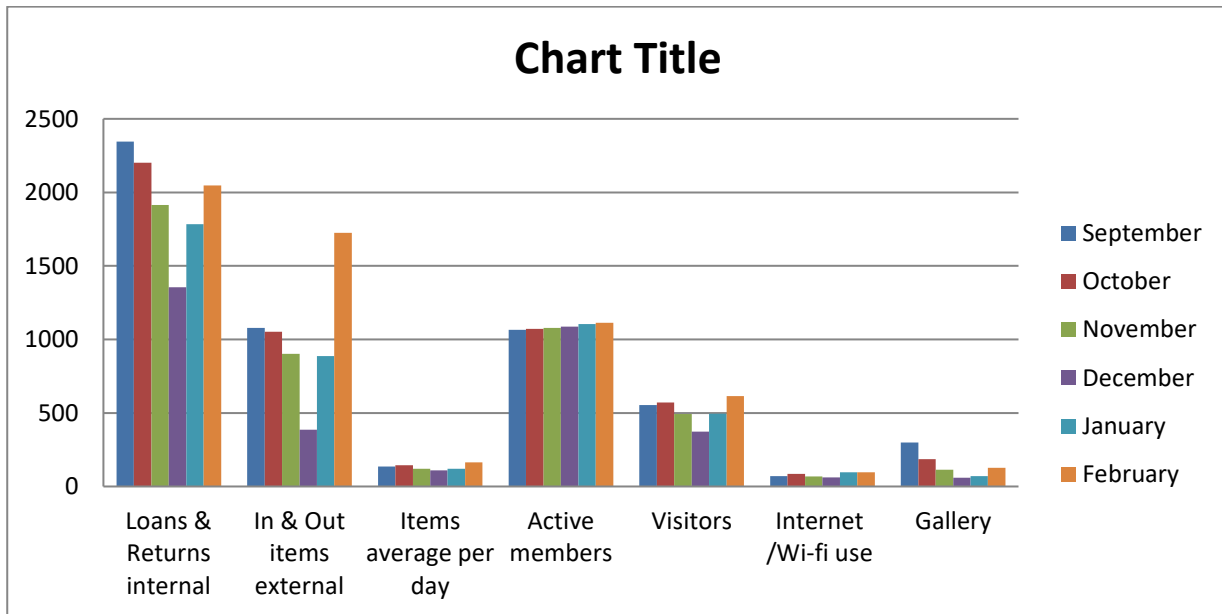
12.1 LIBRARIES REPORT ENDING 28 FEBRUARY 2023

Author: Charleville Librarian
Authoriser: Director Community & Health Services

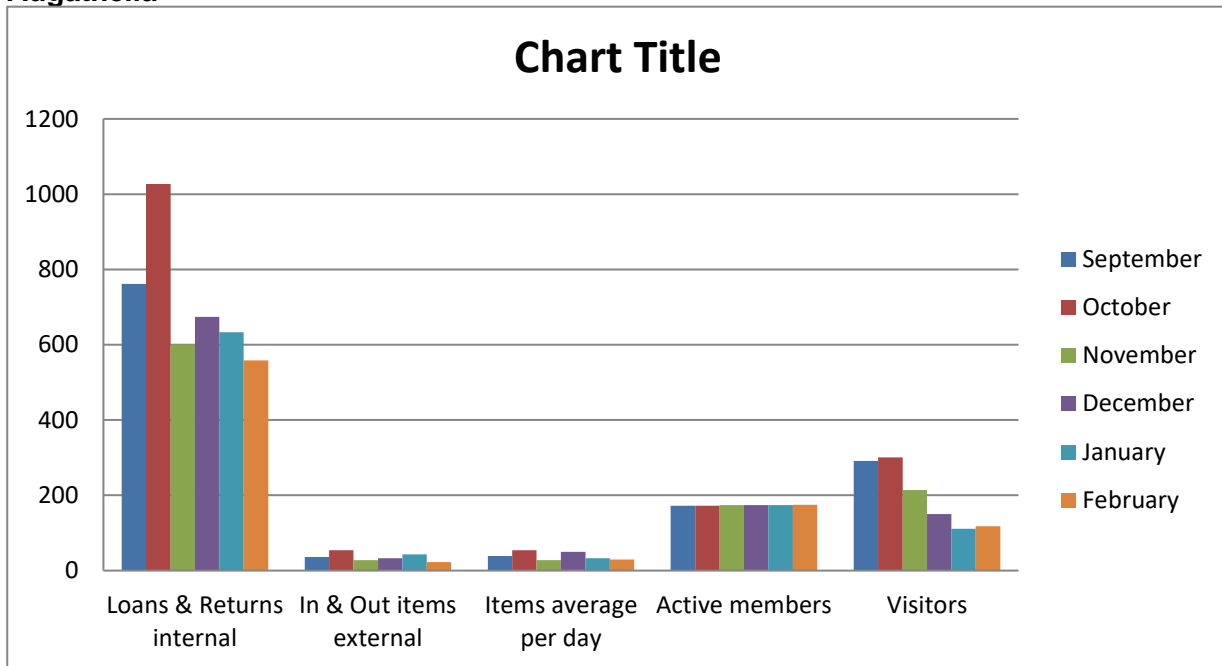
RECOMMENDATION
 That Council receives the report from the libraries.

BACKGROUND

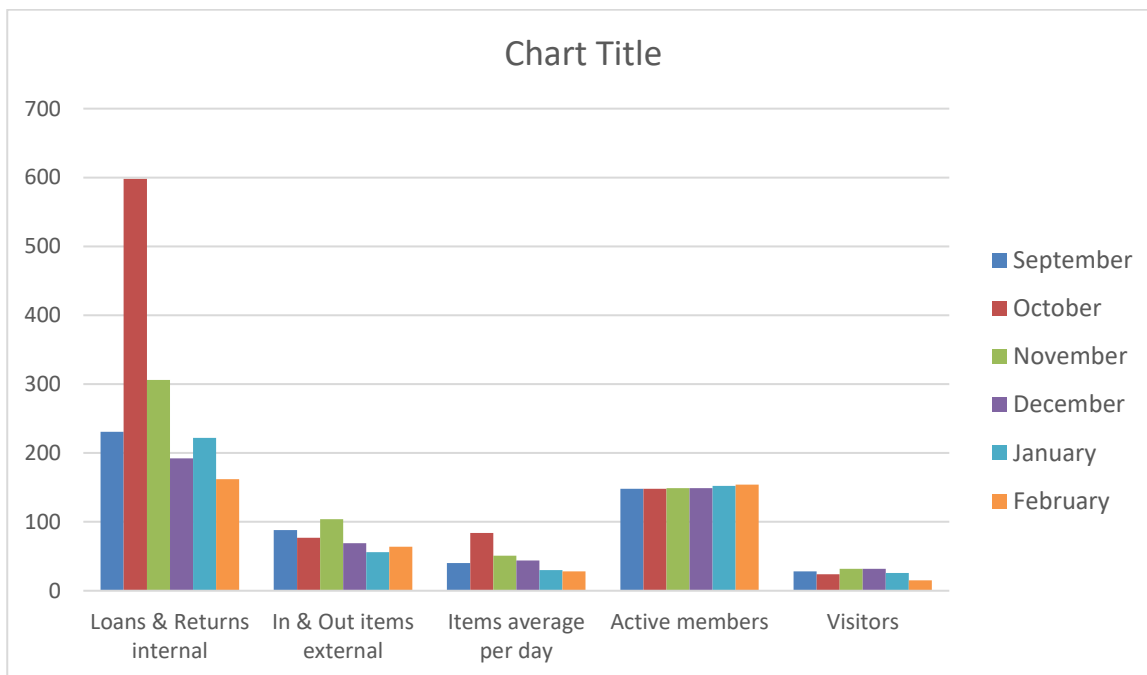
Charleville



Augathella



Morven



Operational Information

Charleville Library – Martina Manawaduge and Danielle Whatmore

Still waiting for 1 window tint, new front door, kids room mural around doorway and cementing backyard.

Memberships still rising 1113 now

Have had a fair few people sign up for the Annie Seaton Writer’s workshop.

First5 Forever – steady numbers

Mulga Lands Gallery – 126 visitors

Augathella Library – no comment

Morven Library – February has been another quiet month but again we have 2 new members this month.

LINK TO CORPORATE PLAN

1.3.1 Council has in place operational systems and capacity to deliver strategic priorities and core operations.

ATTACHMENTS

Nil

12.2 COMMUNITY & HEALTH SERVICES REPORT

Author: Director Community & Health Services

Authoriser: Director Community & Health Services

RECOMMENDATION
 That Council receives the Community & Health Services Report

BACKGROUND

Water Quality

The Charleville water supply bladder remains offline and is currently being emptied to allow repairs. Engineering team is implementing a chlorination system for bladder and town supply.

Morven and Augathella water supplies tested free from contamination.

Sewerage / Wastewater

SMEC, Dept of Environment & Science and Council are meeting regularly. All modelling has been done for CED or full sewage treatment process with the site for irrigation dispersal of the treated effluent the main remaining decision to be made. SMEC to continue sampling and testing program for monitoring bores.

Swimming Pool

Plans for toddler pool have been checked. Delay with survey plan, but final version from surveyor due the week of the 5th March.

Monthly Report (provided by Pool Manager)

Charleville Swimming Pool attendance figures:

Month	2020/2021	2021/2022	2022/2023
September	687	840	875
October	1450	1602	1410
November	1736	1957	2218
December	1276	1495	1322
January	1325	1625	1403
February	1609	1590	2174
March	1004	1305	
April	380	510	
TOTAL	9467	11005	9402

The Month of February was a very busy month with patronage well up on previous year. The hot weather and 3 major events through the month kept the pool busy.

The local High School had their annual swimming carnival which also culminated in the local primary school's district swimming carnival. Numbers for the carnival were good with several fast times being recorded and lots of fun being had by the school students.

The Regional Swimming trials were also held in Charleville for the first time in 3 years and it meant that our local swimmers did not have to travel to compete. The local contingent of swimmers swam well with no less than 6 being selected to compete for the Southwest region at the Queensland Schools Swimming Championships later in March.

Earlier in the month 6 swimmers from the local Charleville Chiefs Swimming Club travelled to Brisbane to compete at the Queensland State Sprint Championships. These swimmers had to swim qualifying times to compete at this event and in some cases had to travel to 4-5 carnivals to achieve those times. They acquitted themselves well and all swam personal best times and even managing to win or place in their heats which is hard when you are competing against the best swimmers in Queensland. As coach for the Chiefs Swimming Club, I was very proud of their achievements and in awe on how far they had come along from the previous year.

St Mary's catholic school started their school swimming block which will go for 5 weeks and the participation numbers for the swimming block have been exceptional.

Charleville Distance Education also utilized the pool and my services for their beginning of the year kick start swimming program and again participation numbers were very good.

The local Charleville State School held a meet and greet night at the pool for their students and parents. The event was by invitation only and some 200 people turned out for the event. Local agencies like Ambulance, Police services, RFDS, local indigenous organizations were also invited to put up stalls to advertise their products.

The Adrian Vowels Cup was held at the end of the month and some 400 patrons took advantage of the cooling waters of the pool after their football games. While most patrons were respectful of the pool safety rules there were about half a dozen who quite frankly thought they could do what they liked when they liked!!!! We did receive some favorable comments about the facility which was great to hear....

Throughout the month several birthday parties have been held and the waterpark being the main attraction for the kids.

It is hoped that this hot weather will continue into March and the local Triathlon is successful again.

Art Gallery

Currently hosting Council's exhibition of photos by local photographers "Through my eyes, A Murweh Story". The 27th of March sees the opening of the 'Reframe' exhibition from Flying Arts which draws upon artists experiences and observations in a world changed by events such as war and COVID.

Libraries

Several responses received from Morven and Augathella residents in response to the advertisement for people interested in providing First 5 forever session in these towns

Community**Mable/Trilogy**

A person has been appointed to the position of Aged Care Coordinator for the Mable program. They will work as a casual employee for 2-3 days a week as required.

DVF Prevention Champions Network Meeting 3

Meetings to date have been well attended, but little coming out of it that would benefit Council aside from the Red Bench Seat Project. We have some red benches in town, but their significance and meaning needs could be explained better through promotional channels.

LINK TO CORPORATE PLAN

- 1.2.1 Council has in place effective whole of community communication and engagement strategies
- 2.6.1 Water supply and storages are managed to achieve the highest standard of quality, efficiency, delivery, and sustainability
- 2.6.2 Sewerage treatment and water re-use supply are managed to achieve the highest standard of quality, efficiency, and delivery for human and environmental health.
- 2.6.3 Public access to potable water and sanitation.
- 3.1.1 Health and wellbeing services meet community needs and expectations

ATTACHMENTS

Nil

13 ENGINEERING SERVICES

13.1 WEIGHBRIDGE

Author: Director Engineering Services

Authoriser: CEO

RECOMMENDATION

That as per sections 229-235 of the Local Government Regulation 2012 detailed in the clause 4.9 Exemption from requirement to tender or quote, part (a) i.e Council resolves that it is satisfied that there is only one supplier reasonably available, Council approves the acceptance of the quotation of \$ 268,576 including GST, submitted by Mettler Toledo to supply and install a Concrete decking weigh bridge at Charleville. The allocated budget line is 8000-2579-0

BACKGROUND

Purpose

The purpose of this report is to inform Council about the availability of only one reasonable supplier to supply and install a weighbridge of 28 m x 3.5 m wide 7560-4 series, precast concrete decking including all other accessories but excluding in situ concrete works. The estimated cost for site works including in situ concrete works by other is \$ 60,000. The total estimated cost for the project is \$ 328,576. The remaining budget of \$ 71,424 will be used in fencing and drainage works.

Discussion

Murweh Shire Council received a funding of \$ 400,000 under Local Roads and Community Infrastructure Program round 3 (LRCIP3) to build a weigh bridge in Charleville.

Council requested three companies for a quotation to supply and install a weigh bridge in Charleville. One of the companies is from WA and declined verbally to provide a quotation due to distance constraint.

The quotations from following two companies were received.

RFQ1-22-23.

No	Bidder	Price \$ (Inc. GST)	Remarks
1	Mettler Toledo	\$ 268,576.	Combinations of concrete decking and steel I beam (Ref. attachment quotation 1)
2	Gendio	\$ 185,000	Steel plate decking and Steel I beam. (Ref. attachment quotation 2)

The Quotations were assessed, in accordance with Council's Procurement and Disposal Policy Procedure, on the following indicators.

- Capability (technical and financial)
- Relevant experience
- Quality, safety and environmental management systems
- Urgent service delivery
- Price and Local supplier discount factor
- Council's specification

The specification provided by Mettler Toledo aligned to Council requirements i.e Concrete decking and steel beam whereas Gendio can provide only steel decking and steel beams. The Mettler Toledo has built a scale in Morven and has demonstrated experience on the weighbridges that matches to Council's specification.

Consultation

Consulted with following truck operators.

- Brooks Transport
- Wards Transport
- Local Truck operator

Financial Risks

In accordance with sections 229-235 of the Local Government Regulation 2012 Council can enter a contract to a value above \$ 200,000 without a tender because there is only one supplier available suit to Council's specification.

Environmental Risks

Low

Social Risk

Medium - Weighbridges prevent overload trucks from driving onto the roads and protects infrastructure and incidents.

Legal Risk

Medium - Quotations were invited in accordance with Council's Procurement Policy and Local Government Act 2009 Chapter 4, Part 3, Section 104 Financial Management Systems

LINK TO CORPORATE PLAN

- 1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .

ATTACHMENTS

1. **Quotation 1 - Mettler Toledo** [↓](#)
2. **Quotation 2 _ Gendio** [↓](#)
3. **Brochure- Mettler Toledo** [↓](#)
4. **Mettler Toledo - Iweigh Information** [↓](#)

METTLER TOLEDO

WEIGHBRIDGE CLIENT PROPOSAL DOCUMENT

MURWEH SHIRE COUNCIL RFQ WEIGHBRIDGE



CLIENT: MURWEH SHIRE COUNCIL
PROJECT: PUBLIC B-DOUBLE WEIGHBRIDGE
LOCATION: UNITED PETROLEUM
 MITCHELL HIGHWAY, CHARLEVILLE QLD
PRODUCT: 7560 & iWEIGH SYSTEM

Sales Representative: Glenn Delaney **Date:** 7th February 2023
Quote Reference #: 07022023GD_ Rev I

Victoria 3/220 Turner Street, Port Melbourne 3207
 New South Wales 1/79 Newton Road, Wetherill Park 2164
 Queensland 2/80 Ebberrn St, Darra 4076
 Queensland 4/140 William Street, Rockhampton 4700
 South Australia 2/109 Ledger Road, Beverley 5009
 Western Australia 91 Holder Way, Malaga 6090

ABN 65 004 141 986



METTLER-TOLEDO LIMITED

Address	220 Turner Street, Port Melbourne VIC 3207
Postal Address	PO Box 173, Port Melbourne VIC 3207
Telephone	++ 61 3 9644 5700
Fax	++ 61 3 9645 3935
Sales Support	1300 659 761
Service Support	1300 659 764
Email	info.mtaus@mt.com
Internet	www.mt.com

TUESDAY, 07 FEBRUARY 2023

Mr Raju Ranjit

Director Of Engineering Services

Murweh Shire Council also hereafter referred to as "**CLIENT**".

95 – 101 Alfred St

Charleville QLD 4470

Dear Raju

Thank you for giving METTLER TOLEDO the opportunity to submit this proposal for "Murweh Shire Council". We are confident that METTLER TOLEDO's Weighbridge technology, accessories and services contained in this proposal truly represent the best total weighing solution offered on the market today.

The proposal is for a 28 M long x 3.5 M wide Multi-Deck, 7560 Series IV Single Directional Truck Public Weighbridge, to assist to provide individual axle group weights for common B-Double Combinations – Class 2, with same individual weigh deck lengths as per BP Toowoomba Westbound Truck Stop, Charlestown.

METTLER TOLEDO offers this innovative, high performance weighbridge solution to ensure accuracy, reliability, and longevity in your operations. Enclosed, you will find valuable information for the most advanced Weighbridge Technology in the world.

Yours sincerely,

Glenn Delaney

QLD Weighbridge Solutions

Mettler-Toledo Limited, hereafter referred to as "**METTLER TOLEDO**"



Victoria 3/220 Turner Street, Port Melbourne 3207
 New South Wales 1/79 Newton Road, Wetherill Park 2164
 Queensland 2/80 Ebberrn St, Darra 4076
 Queensland 4/140 William Street, Rockhampton 4700
 South Australia 2/109 Ledger Road, Beverley 5009
 Western Australia 91 Holder Way, Malaga 6090

ABN 65 004 141 986

METTLER TOLEDO



Market Leading Weighbridge Technology

7560 Series 4 Weighbridge

The 7560 Series 4 is the flagship of METTLER TOLEDO's Weighbridge range. With a robust steel frame and durable concrete decks, the 7560-4 Weighbridge provides long-term reliability in heavy duty applications. With years of proven design experience, the length, width and deck configuration is fully customised to suit the Client's needs by METTLER TOLEDO's in-house Engineering team.

Analogue vs. Standard Digital Load Cells

Unlike conventional Analogue Load Cells, the analogue to digital conversion for a Standard Digital Load Cell is carried out in the load cell itself, not the digital indicator. As a result, signal transmission from the Load Cell to the indicator occurs at a comparatively higher voltage, ensuring that the signal is not affected by electrical interference that is common on most industrial sites.

Standard Digital vs. POWERCELL™ PDX™ Load Cells

In comparison with standard Digital Load Cells, POWERCELL™ PDX™ achieves a superior degree of accuracy and reliability with the assistance of an on-board microprocessor. The microprocessor monitors and compensates for internal and external environmental influences such as temperature extremes, low voltage, non-linearity, hysteresis, creep, instability, zero change and vibration before the weight is transmitted upstream to the indicator.



The METTLER TOLEDO POWERCELL™ PDX™ Load Cells are hermetically sealed and of stainless steel construction which ensures continued accuracy and reliability in hostile and corrosive industrial environments.

The most common and expensive causes of weighbridge failure are: Lightning Strikes; and Junction Box related failures. METTLER TOLEDO's market leading weighbridge technology addresses both issues.

Junction Boxes eliminated

POWERCELL™ PDX™ networks eliminate junction boxes and therefore reduce maintenance time, increase reliability, and simplify installation. It is also the first load cell of its kind to include a breach detector, allowing fast troubleshooting and significantly reduced down time. Stainless steel armoured cables are supplied as standard to prevent cable damage due to rodent attack, corrosion or other environmental factors.



Lightning Protection

Lightning damage is one of the most common and expensive causes of Weighbridge failure. Through the use of superior POWERCELL™ PDX™ technology, METTLER TOLEDO has virtually eliminated the risk of failure due to lightning damage with its StrikeShield™ Lightning Protection Technology. This has been tested by two independent laboratories and to a current of 80,000 Amperes, equivalent to twice the magnitude of an average lightning strike.

The METTLER TOLEDO lightning protection system comes with a five-year conditional warranty for replacement of load cells and indicators. METTLER TOLEDO provides this cover due to the confidence it has in its lightning protection system.

Digital Weighing Indicators

Digital Indicators are the heart of the weighbridge system. The indicators receive all the data transmitted from the digital load cells and transfers this information to a 7 digit fluorescent display.

IND780

The IND780 Digital Indicator is a highly flexible terminal capable of supporting simple to complex, standalone to integrated weighing and control applications. Used for process, vehicle and general weighing applications with advanced configurations and customization. A wide range of communications interfaces are available, including serial, Ethernet, USB and a variety of fieldbuses.

It interfaces up to 4 concurrent Analog, IDNet, POWERCELL™ or MTSICS channels with a metrologically approved sum. The IND780 Digital Indicator comes standard with Ethernet connection and a state of the art maintenance monitoring feature for self-diagnosis and predictive failure analysis.





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6.2 Definition of Public Weighbridges* 13

Revision Table

Revision	Purpose	Date
0	FOR USE	03/02/2023
	Rev I	07/02/2023

1 Introduction

1.1 Our Company

METTLER TOLEDO is Australia's leading supplier of Weighbridges for industrial and commercial applications. Since its foundation in 1901, the company has gone from strength to strength. With manufacturing in Australia and overseas production facilities we use the world's latest manufacturing processes to provide a complete range of Vehicle Weighing solutions.

METTLER TOLEDO is a Certified Quality Assured Company AS/NZS ISO 9001:2000.

METTLER TOLEDO has 5 local state divisions each consisting of sales specialists, METTLER TOLEDO trained & licensed service technicians, service managers and coordinators. Our Head Office is located in Melbourne along with our project, engineering, Client Service Teams and manufacturing facility.

1.2 Contact Details

Sales Representative: Glenn Delaney
Branch: Brisbane Queensland
E-MAIL Address: Glenn.Delaney@mt.com
Phone: + 64 438 093 262

1.3 Branch Addresses:

Victoria (Head Office): 3/220 Turner Street, Port Melbourne VIC 3207
New South Wales: 1/79 Newton Road, Wetherill Park 2164
Queensland: 2/80 Ebberrn Street, Darra 4076
South Australia: 2/109 Ledger Road, Beverley 5009
Western Australia: 91 Holder Way, Malaga 6090

2 Proposal

2.1 Project Scope

METTLER TOLEDO offer the following Weighbridge Proposal for Murweh Shire Council, **Public Weighbridge Project**. The Project site is located at Charleville, Queensland, Australia.

This offer is based on the following – Inclusions

- Supply and install 28 x 3.5m above ground Galvanised Steel/Concrete multi-deck weighbridge
- Supply and install 30T PDX loadcells
- Supply and run 15m Home run cables to the IND780 weigh terminal within iWeigh enclosure
- Supply Lightning Protection kit and transient protectors as required
- Supply iWeigh Public Weighbridge system solution (Murweh Council May Choose to Deal Direct)
- Installation/Certification of Weighbridge by Mettler Toledo licensed technicians
- Issue standard foundation drawings based on soil bearing capacity of no less than 100pka
- Freight to site

Exclusions (Murweh Shire Council conduct the civil works) –

- Flat site preparation and all required civils with respect to weighbridges foundations, ramps and concrete decks
- Dead load to assist with certification
- Off-load deliveries to site
- Conduit runs and 240VAC terminated to GPO next iWeigh cabinet, traffic lights and scoreboard display location

The Weighbridge shall be used primarily for Single-Directional Static, truck weighing of a combination of Truck inclusive up to Common B-Double Combination – Class 2, whose specifications are still to be confirmed.

The proposed Weighbridge is designed to accommodate the standard Regulatory Mass Limits for Heavy Vehicle Single, Tandem and Tri-Axle Groups (as stipulated by the Road & Transport authority in the relevant Australian State or Territory). Any deviation from these standard limits, allowed by a Concessional Loading Permit for example, is subject to engineering review and approval by METTLER TOLEDO.

2.2 Schedule

It is anticipated that an order shall be placed and deposit received on or before 30th June 2023

Site access will be granted to METTLER TOLEDO's Authorised Installation Personnel on T.B.C

The target Date for Practical Completion is understood to be T.B.C

If dates are unknown, the standard delivery time for the proposed solution is 12 weeks depending on workload + scope. METTLER TOLEDO will readily discuss acceleration plans where required.

2.3 References

This Proposal is based on information provided in the following Documents:

- Client's Request for Quotation
- Initial Technical Requirements Discussions
- Geotechnical Site Classification Report, C-23-1004 MSC Weighbridge
- Vehicle Layout, Not Supplied or Determined
- Functional Design Specification, Not Supplied

Notes:

1. The Functional Design Specification forms the basis for Weighbridge Systems operation. Systems engineering work shall not commence until an approved copy of the FDS is supplied by the **CLIENT**.
2. In the absence of a Vehicle Layout, including Axel Group Loads and Centre Dimensions, the proposed solution is based on METTLER TOLEDO standard deck configurations only, unless otherwise specified in this proposal.

METTLER TOLEDO: Annexes

- o iWeigh Quotation # 2372
- o 7560 Series Weighbridge with PDX brochure
- o PDX Load Cell brochure
- o IND780 Terminal brochure
- o Indicative Multi Deck Arrangement Road Train
- o Existing Slab Weighbridge Installation

NATIONAL MEASUREMENT INSTITUTE:

- o National Trade Measurement Regulations 2009 + Licensing Directives
(<http://www.comlaw.gov.au/Details/F2013C00022/Download>)
- o National Trade Measurements Act 1960

2.4 Pricing Schedule

The following Pricing Schedule is for 1 x 28 M long x 3.5 M wide 7560 Multi-Deck Weighbridge.

	METTLER TOLEDO	MT CONTRACTOR	CLIENT	EXCLUDED	SCOPE DESCRIPTION	Price Ex GST [AUD]
This table provides a summary of the scope, specifications and price:						
PART A					SUPPLY OF WEIGHBRIDGE	\$143,680
	X				Weighbridge: <ul style="list-style-type: none"> - 28 M long x 3.5 M wide 7560-4 - Multi-Deck Lengths (4,6,8,10 M) - Semi-Pit - Steel / Concrete - Galvanised - Road Bridge 	
	X				Load Cell Kit-of-Parts: <ul style="list-style-type: none"> - 30t POWERCELL™ PDX™ - IP 68 & 69K - NMI approval: S529 - Stainless Steel Sheathed Load Cell Cables - Independently Verified - 1 Year Warranty on Electronics - 10 Year Warranty on Lightning Induced Failure Load Cells 	
	X				Home Run Cable(s): 30m long, Stainless Steel Armoured	
	X				Indicators: <ul style="list-style-type: none"> - 1 x IND 780, Panel Mount 240V, 50Hz Indicators - Serial (RS232/RS422/RS485) 	
	X				StrikeShield™ Lightning Protection System	
	X				Complete Surge Protection System	

METTLER TOLEDO

PART B				CIVIL CONSTRUCTION WORKS	N/A
		X		Site Inductions, Preparation + Job Safety Analysis	
		X		Foundation Construction	
		X		Deck Construction (Concrete Decks)	
		X		Level Approach Construction	
		X		Concrete Ramp Construction	
		X		Excavation and Backfill with excavated materials	
		X		Construction Plant for Civil Works (Excavator)	
		X		Supply 32 MPa Concrete for Weighbridge Foundation	
		X		Supply 32 MPa Concrete for Weighbridge Deck(s)	
			X	Concrete Testing	
		X		Supply Reinforcement Steel for Civil Construction Works	
		X		Construction Plant for Steelwork Unloading	
		X		Labour for Steelwork Installation	
		X		Construction Plant for Steelwork Installation	
		X		Travel & Accommodation (where applicable)	
PART C				INSTALLATION + COMMISSIONING by MT licensed technicians	\$29,500
	X			Site Inductions, Preparation + Job Safety Analysis	
	X			Confirmation of compliant Civils Construction	
	X			Complete Weighbridge Installation including Alignment and QA	
	X			Calibration and Testing with MT Test Trucks + Certified Weights	
	X			Weights & Measures Inspection Fees	
	X			Start-up & Operator Training	
	X			Travel & Accommodation (where applicable)	
		X		Dead Load	
PART D				FREIGHT & DELIVERY TO SITE	\$12,000
	X			Packing	
	X			Freight CFR (Incoterms 2020: "Delivery at Place")	
PART E				PROJECT MANAGEMENT, ENGINEERING + DOCUMENTATION	INCLUDED
	X			Set of Foundation and Layout Drawings	
	X			Set of Service Manuals	
			X	Project Delivery Schedule (on request)	
			X	Functional Design Specification (if applicable)	
PART F				SUPPLY OF iWEIGH PUBLIC WEIGHBRIDGE SYSTEM AND RELATED ACCESSORIES	\$58,980
		X		iWeigh Public Weighbridge System Software for professional public transaction management	
		X		Driver Control Station: - 800mm x 600mm Stainless Steel Kiosk Cabinet - Touchscreen and Industrial PC - Software to run ticketing operation - Thermal Ticket Printer	
		X		Quest EFTPOS Terminal:	
		X		Annual Software Support and reports via Web portal:	
		X		Licence Plate Camera: - 1 x Licence Plate Recognition Camera - 2 x Standard IP addressable HD Cameras	
		X		Photo-eyes: - 2 x End of weighbridge sensors (both ends)	
				TOTAL PROJECT PRICE AUD (Excluding GST)	\$244,160.00

2.5 Exclusions

The following provisions are explicitly excluded from **METTLER TOLEDO**'s scope of work and to be provided by **CLIENT**:

1. "Optional extras" unless otherwise indicated.
2. Geotechnical Investigation and Report, including determination of soil bearing capacity.
3. 240 V.A.C. power service for construction work.
4. Crane hire for unloading of goods upon delivery to site.
5. Crane hire for weighbridge assembly during installation.
6. Removal and/or demolition of existing structures, foundations, infrastructure or rock formations.
7. Location, protection and relocation of existing Services/Utilities.
8. Pre-grading and final grading of site after installation.
9. Saw cutting and demolition of existing paving materials.
10. Off-site disposal of excavated materials.
11. Shoring and reinforcement of any neighbouring structures or infrastructure.
12. Repair of paving courses.
13. Compaction of backfill.
14. Additional backfill, if required after settling.
15. Liquidated Damages, unless otherwise mutually agreed under a formal instrument.
16. Consequential Damages.

2.6 Assumptions

This proposal is submitted based on the following standard assumptions:

1. **CLIENT** shall provide a minimum soil bearing capacity of 100kpa at base of foundation. Any additional fill, depth, pilings or other soil preparation required to achieve this bearing pressure may result in time and/or cost variations.
2. **METTLER TOLEDO** will be granted free and unobstructed access to site to perform construction work.
3. **METTLER TOLEDO**'s scope of work shall be performed during regular working days and normal time hours unless otherwise agreed due to schedule constraints.
4. If backfill is "Included" in the scope, **METTLER TOLEDO** shall be permitted, by the **CLIENT**, to use earth removed during excavation as backfill. If earth removed during excavation is unsuitable for use as backfill, **CLIENT** will supply a suitable alternative material.
5. This proposal is provided based on a Concrete Supply Rate of \$ NA /m³.
6. **CLIENT** shall adequately protect and secure goods upon receipt on site.
7. Unless otherwise discussed and agreed in writing, the Weighbridge will be designed to "Road Legal" Axle Loads within the relevant State or Territory. Increased, Concessional Loading of Axles will require additional engineering review to verify the suitability of the design on a case-by-case basis.
8. Unless otherwise agreed by **METTLER TOLEDO** in writing, any deviation from these assumptions may result in variations to scope, price and/or delivery schedule.

2.7 Latent Conditions

In the event that the following Latent Conditions are encountered, additional costs and/or extensions of time may apply:

1. Variations in Soil Foundation Material and/or Surface Movement (e.g. unforeseen presence of rock or black soil, for example).
2. Adverse weather conditions.

3 Preventative Maintenance / Service Agreement

The following Preventative Maintenance / Service Agreement is EXCLUDED as standard but available on request at additional cost.

Item	METTLER TOLEDO	CLIENT	EXCLUDED	Quantity	Description [Specification]	Price [AUD]
PART P					PREVENTATIVE MAINTENANCE / SERVICE AGREEMENT (Price per Year):	EXCLUDED
			X		One basic inspection per year including:(Starting at 6 Mths)	
			X		- Complete visual inspection	
			X		- Complete section test with necessary adjustments	
			X		- Complete accuracy test with necessary adjustments	
			X		- One-page basic inspection report	
			X		One total service inspection per year (Starting in Year 1):	
			X		- Complete visual inspection	
			X		- Bumper adjustment and maintenance	
			X		- Wiring checked and connections tightened	
			X		- Load cell and suspension greasing	
			X		- Indicator full operation checked	

4 Terms & Conditions

METTLER TOLEDO's Terms and Conditions of Sales are available at www.mt.com/legal and are considered part of this agreement.

In addition, **METTLER TOLEDO** submits this Proposal to **CLIENT**, subject to the following Special Terms & Conditions:

Performance

- Weighbridges and fabricated components shall be engineered and supplied in accordance with the general arrangement and layout drawings provided by **METTLER TOLEDO**.
- Systems shall be engineered and supplied in accordance with the Function Design Specification (FDS) provided by **METTLER TOLEDO**.
- Civils and foundations shall be constructed in accordance with the civil drawings provided by **METTLER TOLEDO**.
- When a full electronic Weighbridge with electronic controls are to be installed, it will be the purchaser's responsibility to provide a "clean" regulated 240 V.A.C. +/- 10%, single phase, 50 Hz, up to and with adequate connection to the equipment. It shall be a separate line with no other load, no more than 0.5 ohms resistance to true ground (AS/NZS 3000), and no more than 0.1 V.A.C. between ground and neutral.

Delivery Schedule

- **METTLER TOLEDO** shall be entitled to claim Extensions of Time (EOT) and expenses due to any failure by **CLIENT** to perform its obligations under the contract.
- If it becomes necessary, in the judgement of **METTLER TOLEDO**, to adjust planned milestone dates due to production or construction material shortages or to rectify conflicts in manufacturing and/or site construction work, **METTLER TOLEDO** may do so without liability.
- In the event that **METTLER TOLEDO** has procured, manufactured and packed goods ready for delivery to site, but **CLIENT** is unable to receive such goods, **METTLER TOLEDO** shall be entitled to claim reasonable expenses for storage and inventory management.
- In the event that **METTLER TOLEDO** have completed delivery of goods but are unable to complete installation and/or commissioning by reasons beyond the control of **METTLER TOLEDO**, **CLIENT** shall issue a new Purchase Order for the remaining works and amend the original Purchase Order to include only works completed.

Permits, Insurance, and Taxes

- **METTLER TOLEDO** carries the following insurance policies:
 - Product Liability
 - Public Liability
 - Workers Compensation
 - Motor Vehicle

Any additional insurance, required by **CLIENT**, will be provided at the sole discretion of **METTLER TOLEDO**, provided that associated costs are borne by **CLIENT**.

- **CLIENT** shall be responsible for obtaining and paying for all necessary building permits and council approvals.
- Any bonds, city, state or federal taxes shall be provided at additional cost.

Payment Terms

- Unless otherwise formally agreed in writing, invoices shall be raised by **METTLER TOLEDO** as follows:
 - 30% deposit on receipt of order.
 - 60% progress claim on delivery of Weighbridge Ex works Melbourne.
 - 10% final claim on Practical Completion.

Work will not commence until the deposit payment, or at least remittance advice, has been received by **METTLER TOLEDO**.

METTLER TOLEDO reserves the right to cease work if payments remain outstanding beyond the due date stated on the invoice.



Quotation Terms

- This quotation will remain valid for 90 days from the date of submission.
- **METTLER TOLEDO** reserves the right to review, amend or withdraw this quotation upon expiry, unless otherwise agreed in writing.

Force Majeure

- **METTLER TOLEDO** shall not be responsible for any delay or default by reason or causes beyond its control, including, but not limited to acts of God, acts of public enemy, acts of federal, state, or local government in their various capacities, fires, floods, inclement weather, epidemics, quarantine restriction, strikes, lockouts, embargoes, car shortage, or delays of subcontractors or supplies due to such causes.
- **METTLER TOLEDO** reserves the right to alter prices as a result of any of these conditions.

5 Acceptance

- Any changes in the work, equipment or services, to be provided by **METTLER TOLEDO**, must be submitted and mutually agreed in writing, including details of any variation to price and schedule, prior to modification of this contract. Any variations, changes or modifications to the scope of work shall be subject to the provisions of this contract.
- Once accepted and signed, by both **METTLER TOLEDO** and **CLIENT**, this proposal shall constitute a binding contract between the two parties and take precedence over any prior agreements or provisions, whether oral or written.

Signed and delivered by **CLIENT**

_____	_____	_____
Signature of Authorised Representative	Name	Date

Signed and delivered by **METTLER TOLEDO**

<i>Glenn Delaney</i>	Glenn Delaney	7th February 2023
Signature of Authorised Representative	Name	Date

6 Important Notices

The following important notices are extracted from the National Trade Measurement Regulations 2009 to ensure that METTLER TOLEDO's Clients are informed of recent changes to weighbridge regulations with respect to verified for Trade Use

6.1 End-and-end measurements*:

End-and-end weighing is the result of two (2) measurements only, for a single vehicle.

For reference, Section 3.11 of the current National Trade Measurement Regulations, states that:

A [trade certified] weighbridge may only be used to determine an end-and-end measurement if:

- a) The weighbridge was approved under an earlier corresponding law for use to determine end-and-end measurements;

In summary, new weighbridges intended for end-and-end measurements can no longer be trade certified according to the National Measurement Institute. As a result, METTLER TOLEDO promotes alternative weighbridge configurations that allow for weighing of vehicles in a single measurement.

6.2 Definition of Public Weighbridges*:

As clarified by LICENSING DIRECTIVE PW12/04–OCTOBER2012:

A PUBLIC weighbridge is defined in the National Measurement Act 1960 as a weighbridge that:

- a) is open for use by or on behalf of the public; or
- b) is available for use for a charge.

A public weighing occurs when a weighbridge is made available in either of the two circumstances stated above, without a prior contractual arrangement between the operator of the weighbridge and the person for whom the weighing is being performed.

The operator of the weighbridge will be required to hold a public weighbridge license to conduct public weighings.

A weighing is not considered to be a 'public weighing' when the use of the weighbridge:

- a) is subject to a prior contractual arrangement between the controller of the weighbridge and person for whom the weighing is being performed, which does not include a fee per use charge; or
- b) for the operation of the operator's business. i.e. to weigh goods in which the operator trades; or
- c) to determine the tare mass of a vehicle or trailer for registration purposes.

These types of weighings are not considered to be public weighings, therefore are not required to be carried out under a public weighbridge license.






In summary, any weighbridge that is not subject to a prior contractual arrangement and is available for a fee-per-use charge, by NMI definition, is a PUBLIC weighbridge. Mettler-Toledo Limited provides this proposal with the understanding that the weighbridge is not intended for use as a Public Weighbridge. It is the Client's responsibility to ensure that weighbridge operations and transactions comply accordingly.

*Important Notices are provided for information purposes only. It is the Client's responsibility to fully inform themselves of the relevant laws and regulations. Mettler-Toledo Limited accepts no liability for the content of this notice, or for the consequences of any actions taken on the basis of the information provided.



Murweh Shire Council, Charleville - Gendio 40m Weighbridge System

QUOTE NUMBER **1108**

<p><input checked="" type="checkbox"/> 140/40 Gendio GET 140/40 HDG Weighbridge System including:</p> <p>1 x 40 metre x 3.4 metre all steel HDG platform (2 x 20m) 20 x HBM C16A 30 tonne Load Cells 2 x Rinstrum R420 Digital Indicators 1 x Rinstrum R420 Digital Summation Indicator 2 x Stainless Steel Summation Units NMI Pattern Approvals, 6B0 Technical Analysis and Report Technical assistance as needed for civil works Delivery and installation to Charleville site</p>	<p>156,600.00 x 1 156,600.00</p>
<p> HBM C16A_C16i brochure</p> <p> R400_Brochure</p>	
<p><input checked="" type="checkbox"/> D841-K801-AC Rinstrum D840 Large Remote Display</p> <p>Aluminium enclosure housing, 4"/100mm double row super bright LED's full matrix digits, I/O driven traffic lights, annunciators, isolated RS232/RS485 serial port, Rinstrum/Ranger, PC Mode, Protocol compatible with most weigh indicators and systems. 10 stage brightness control with configuration PC tool. 90-240VAC</p> <p>Mounting hardware power & communications to mounting point to be provided by client</p>	<p>2,326.00 x 1 2,326.00</p>
	
<p> Rinstrum D800 Remote Displays</p>	
<p><input type="checkbox"/> Steel abutments and ramps to both ends of system</p>	<p>24,200.00 x 1 24,200.00 Not selected</p>
	
<p><input checked="" type="checkbox"/> Test, calibration & verification</p> <p>to NMI standards for trade use (includes travel of test truck with calibrated masses to site) BEST ESTIMATE ONLY - works to be completed by local servicing licensee and pricing obtained prior to verification being completed.</p>	<p>6,000.00 x 1 6,000.00</p>

DATE
17 January 2023

VALID UNTIL
16 February 2023 at 10:00 AM

FOR
Murweh Shire Council

TO
Raju Ranjit

FROM
Georgia Hallam
Gendio Weighing Pty Ltd
44 Cowie Street
North Geelong, Vic, 3215
www.gendio.com.au

PHONE
0353902493

ABN
79 627 119 573



Options selected	3 of 4
Subtotal	164,926.00
GST 10%	16,492.60
Total AUD including GST	\$181,418.60

Software Solutions

Gendio Weighing specialise in the provision of tailored software solutions to suit our client, ranging from simple module add-ons to allow for integration to an existing software programme, through to full custom spec solutions. Please send any requirements through to sales@gendio.com.au to allow us to provide accurate pricing.

Civil Works

Gendio weighbridge systems are able to be mounted directly on existing suitable level concrete surfaces where available with the purchase of our steel ramp and abutment option. We encourage clients to contact their preferred local concreting contractor to obtain pricing for civil works for slab and roadway if/as required. Gendio will supply specifications for quoting as required.

Warranty

Indicators & printers - 1 year

Loadcells - 3 years

Platform - Lifetime

Payment Terms

50% payment due on placement of order.

Balance due upon commissioning of system.

Questions?

If you have any queries in relation to anything quoted please don't hesitate to contact Peter on 0429902346.

Weighbridges



7560 Series Weighbridge

- Strong - Designed for long life
- Rugged - Suitable for tough environments
- Accurate - POWERCELL® PDX® load cells
- Australian Made Weighbridge Deck
- Long Service Life - Low cost of ownership



POWERCELL® PDX®

Now available with a 10 Year Warrant

Concrete Deck Weighbridge

Designed for long life



Rugged Concrete Deck Weighbridge

Long life through efficient design

METTLER TOLEDO has been manufacturing weighbridges in Australia since 1975. The 7560 is our latest weighbridge series and has been designed for maximum, long-term accuracy and reliability. In addition, the 7560 is locally made which means delivery time is kept to a minimum.

Available as an above-ground or a semi-pit weighbridge, the 7560 series is a composite design that uses a reinforced concrete deck with a modular galvanised steel framework.



Single-Deck Weighbridge

The single-deck weighbridge offers users a quick, accurate and cost-effective way to achieve Gross Vehicle Weights.

Multi-Deck Weighbridge

The multi-deck weighbridge is designed to provide users with a method of quickly and accurately calculating Axle Group Weights and Gross Weights. Companies now have a duty-of-care to ensure that their vehicle is safely and legally loaded. By calculating the weight of each axle group, the weighbridge can ensure that your business is compliant with Chain of Responsibility requirements. In addition to this, the multi-deck weighbridge will also aid users who have experienced problems with underloading their trucks. If a truck is currently being underloaded, the multi-deck weighbridge provides users with a method of optimising their load within legal limits.

Excellent driving surface - the 7560 concrete deck has a brushed finish to provide a non-slip surface.



Heavy-Duty Galvanised I-Beams - act as an effective side barrier, providing extra safety for large vehicles.



When paired with our POWERCELL® PDX® load cells, the 7560 weighbridge has been proven to give users unmatched accuracy and long-term reliability

A Concrete Deck is an extremely durable and long-lasting design

The 7560 can be installed as either an above-ground or a semi-pit weighbridge

| |



Hot Dipped Galvanised I-Beam - removes the risk of rust developing on main steelwork and ultimately reduces the cost of upkeep as there is no need for sandblasting and painting during the life of the weighbridge.

Proven Design - decades of extensive research and development are leveraged to create our superior solutions.

Foundations - designed for specific ground conditions.

Optional



Driver Control Station



Remote Display



Weighbridge Software

METTLER TOLEDO Service

By following these easy steps, you can put yourself in the best position for a successful weighbridge project.



Installation, Configuration and Integration

Our project managers coordinate all the tasks, equipment and contractors for an on-time, in-specification weighbridge installation. Our service representatives make certain that your weighbridge system is ready for production in a cost-effective and timely fashion.



Proactive Weighbridge Maintenance

A weighbridge is a significant capital investment and its dependability is critical to maintaining productivity. METTLER TOLEDO ensures the operational readiness of your weighbridge with cost-effective, factory-specified scale maintenance.

| |

Services for the 7560

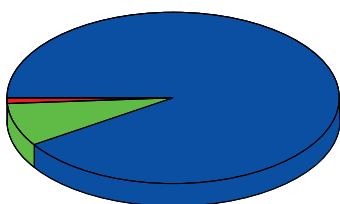
POWERCELL® PDX® Load Cell

Offers exceptional reliability and advanced diagnostics

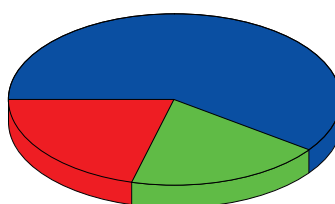
The robust, stainless steel construction of POWERCELL® PDX® load cells provides 100% protection against the forces that can eat into your profits, including extreme temperatures, lightning strikes, water and floods, rodents, rust and corrosion.



Accuracy Comparison: POWERCELL® PDX® vs. Analog Load Cells



POWERCELL® PDX® Load Cells



Analog Load Cells

- Error 0-20 lb / 0-10 kg
- Error 40-60 lb / 20-30 kg
- Error >60 lb / >30 kg

This data is from randomly selected service reports compiled for scales from many different manufacturers.

Stainless Steel Load Cell Cable

POWERCELL® PDX® load cells use heavy-duty cables protected by braided stainless steel sheathing. The cables are designed to guarantee the integrity of the weight signal, protecting against radio frequency interference and damage caused by moisture, rodents and machinery.



100% Lightning Protection

METTLER TOLEDO provides complete protection against lightning damage. Each POWERCELL® PDX® load cell is equipped with its own built-in lightning protection. If a voltage surge occurs in the cables, the load cell's surge protection circuitry redirects the current to the ground. All internal electronic components are fully protected from damage.



No Junction Box

POWERCELL® PDX® load cells connect to one another in a simple network, eliminating high-maintenance junction boxes and costly totalisers. In other systems, sensitive electronics are located in junction boxes which are prone to failure and hard to seal against moisture. By eliminating the junction box, we are also eliminating a common cause of weighbridge failure.



10 Year Warranty

METTLER TOLEDO is confident in the superior craftsmanship of POWERCELL® PDX® load cells. As such, they are now prepared to offer customers the most powerful warranty in the industry to go along with this load cell. The comprehensive 10 year warranty includes 100% replacement parts as well as full system lightning protection.

7560

- Easy to clean and maintain
- Efficient load cell access
- Non-slip driving surface
- Corrosion resistant components
- Proven and trusted design
- NMI Approved
- Unparalleled accuracy
- Long service life
- Quick Delivery

Feature	Specification
Weighbridge Type	Single-Deck or Multi-Deck
Construction	Galvanised steel beams
Deck Type	Concrete
Scale Width (Standard)	3.5m (Optional 3m)
Scale Length	4m - 70m
Lightning Protection (tested)	Lightning technologies tested - 100000V, 10000A (POWERCELL® PDX®)
Load cells	POWERCELL® PDX®
Load cell protection class	IP68, IP69k; NEMA 6p
Capacity	From 10 tonnes
Rated axle load	28t dual tandem axle
Minimum axle spacing	1.2m for 28t dual tandem axle
Foundation types	Above-ground or semi-pit
Operating temperature	-60° to +50°
Compensated temperature	-10° to +40°

Features	Standard	Options
Side access to cells	x	-
POWERCELL® PDX® load cells	x	-
Lightning protection	-	x
Longitudinal and lateral checking	x	-
Intrinsically safe load cells	-	x
Risers to raise scale	-	x
Extended Warranty	-	x
Ramps	-	x
Driver Control Stations	-	x
Special Paint Finish	-	x
Heavy-Duty Cycle Designs	-	x

www.mt.com

For more information

Victoria	3/220 Turner Street, Port Melbourne 3207
New South Wales	1/79 Newton Road, Wetherill Park 2164
Queensland	2/80 Ebberrn Street, Darra 4076
South Australia	29 Walsh Street, Thebarton 5031
Western Australia	91 Holder Way, Malaga 6090

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Quotation #2372

Friday, 3 February 2023

To: Mr Raju Ranjit
Murweh Shire Council
95 – 101 Alfred Street
Charleville QLD 4470

Dear Raju,

We take pleasure in submitting the following budget costs for a public unmanned weighbridge system after discussions held with Glenn Delaney from Mettler Toledo.

Our Company Profile

iWEIGH Solutions Pty Ltd is a Brisbane based software solutions company. We are primarily focused on developing software solutions for weighbridge operations. Our experience in weighbridge software extends past our inception in 2005. Our hardware division is situated in Tasmania. We have distributors and clients in the US, New Zealand, Australia and the UK. Our software is **NMI approved**.

Our software is developed using *Microsoft's Visual Studio (DotNet) Development Tools*, therefore enabling us to offer our clients and distributors the most flexible and up-to-date software there is on the market. Our solutions target projects requiring weighed data collection. We have a range of solutions from a stand-alone hand – held computer to a web based, multiple site operation.

We currently have five full-time software developers. *Our systems use Microsoft's SQL Server databases (currently the 2019 edition)*. This ensures we have a secure, backed up, flexible storage solution for our clients.

Installations include manned and unmanned sites. We are also capable of interfacing traffic lights, IP cameras, tag readers, boom gates, barcode scanners, driver stations and PLC equipment.



Why use iWEIGH Solutions

We believe we have the most flexible system on the market. We have adopted a strategy of each client has their own solution. This allows us to tailor a package to suit every client without the need to charge a large amount for support. Microsoft guarantee us the framework we develop with will run on the future Microsoft operating systems which means our clients will not have to upgrade when a new operating system is released.

Other software competitors use a one-system-for-all approach which leads to problems when a customer requires something special. Their solution is modified for customer B and now some of customer's A functions no longer work on the next upgrade. This is a regular occurrence we often hear. Because the software becomes so large to manage, the client has to pay expensive support costs.

We pride ourselves on our support. This is one area where we continually have feedback and emails from clients commending us on our prompt service and support. Our distributors and clients can communicate directly with the staff member, who developed their solution. This expedites the fault – finding process and you are not transferred from section-to-section while a traffic build-up has occurred on your weighbridge.

Our solutions are very easy to use and are simplistic in their layout. Most of the configuration for our solutions is done via text and XML files which can be edited using notepad. This simple design allows the customer to easily change their phone number on their tickets themselves rather than having to get a software change along with a charge.

Reporting and Exporting from our solutions is easy and quick. Our reports are designed using Crystal Reports. The layouts are fixed but the filtering can be set by the client. If you require a special report just request it. Most of our solutions will include an excel export feature where you can choose the fields you require on a spreadsheet along with a date range. The system generates the excel spreadsheets either as an Excel or CSV file.

iWEIGH has also interfaced its software to accounting systems such as MYOB, QuickBooks, Sage Timberline, Tech One, Microsoft Dynamics, Pathways, Green Tree, Oracle and Civica - Authority. Being such a flexible system allows us to integrate to just about any system.

The iWEIGH Web solution gives our clients the option to manage and report on all data (one or more sites) using a web application and a server. This is very advantageous if many users require some sort of access to the weighbridge data over a large network.



Hardware supply to include;

- 800mm x 600mm Stainless Steel Kiosk Cabinet.
- Touch Screen and Industrial PC.
- Software to run the ticketing operation.
- Thermal Ticket Printer.
- 1 x LPR camera and 2 x standard IP addressable HD cameras.
- End of bridge sensors (both ends).
- Quest EFTPOS Terminal.

Murweh Shire Council Budget Pricing:

System Costs	Prices ex-GST
➤ Supply hardware.	\$ 41,700.00
➤ Software.	\$ 10,440.00
Total	\$ 52,140.00
➤ Annual Software support (for customer)	\$ 2,640.00 pa
➤ Optional reports available using a web portal.	\$ 4,200.00 pa
Total	\$ 6,840.00 pa

Charges table.



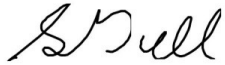
Customer's Responsibilities & Exclusions:

- The cabinet must be mounted on a stand, wall, or building. Additional covers may be required if the cabinet and touch screen will be mounted out in the open.
- Supply 240VAC power to the cabinet kiosk.
- Mount the cameras on pole in the designated areas.
- Supply and run ethernet Cat6 cable from the kiosk to the camera positions.
- Run a two core 24VAC cable from the kiosk to the LPR camera.
- Supply posts or mounts for the end of bridge sensors.
- Run a 4 - core cable from the kiosk to each of the bridge sensors.
- The weight indicator can be placed inside the kiosk (physically small indicator best) and the output connected to the serial port of the industrial PC.
- Freight of equipment to site has not been budgeted for.
- Installation and training have not been budgeted for.
- Ticket layout and details must be signed off by NMI for approvals. A ticket copy will be issued to MT.
- Signage for the operation must be supplied by the customer.
- The weighbridge must be a one directional operation otherwise more cameras will be required to cater for both directions.
- Council to pay Quest Payment fees and must supply bank details.
- If Mettler Toledo to supply the end bridge sensors and cameras, there will be a testing fee and additional software cost involved.
- A Factory Acceptance Test (FAT) is performed by IWEIGH on the quoted software applications. Any issues reported to IWEIGH regarding these applications will be fixed free of charge.
- Any User Acceptance Testing (UAT) that occurs on the customer's site with regards to testing the IWEIGH system with any third - party applications will be charged at an hourly rate of \$210.00 + GST if the original specification is changed post implementation.



Yours Faithfully

Shayne Bull



iWEIGH Solutions Pty Ltd
Unit 1, 1 Hornet Place
Burleigh Heads QLD 4220
MOB +61 0431 778920
shayne@iweigh.com.au
<http://www.iweigh.com.au>



Display and Keypad option for public. Quest EFTPOS Device (Right cabinet only)



Touch Screen Option for Public

13.2 POLICY REVIEW ENG 001- ASSET MANAGEMENT

Author: Director Engineering Services

Authoriser: CEO

RECOMMENDATION

That Council approve ENG – 001 asset management policy.

BACKGROUND**Purpose**

The purpose of this report is to provide Council with background information to Council for the approval of the Asset Management policy. (Attachment A) attached. The revised policy is to provide clarity and direction to Council and staff regarding Council's infrastructure and to achieve Council's strategic service delivery objectives.

Discussion

Asset management practices impact directly on the core business of Council and appropriate asset management is required to achieve our strategic service delivery objectives.

Adopting asset management principles will assist in achieving our Strategic Long-Term Plan and Long-Term Financial objectives.

Sustainable Service Delivery ensures that services are delivered in a socially, economically, and environmentally responsible manner in such a way that does not compromise the ability of future generations to make their own choices.

Sound Asset Management practices enable sustainable service delivery by integrating customer values, priorities, and an informed understanding of the trade-offs between risks, costs and service performance.

Consultation

The following staff were consulted in relation to the revision of the policy.

- CEO
- Directors

Financial Risks

Council must have a funded model for all asset related services extending at least 10 years into the future that addresses the need for funds, considers renewal peaks and troughs and identifies how the funds will be sourced.

Failure to implement and maintain the Asset management policy could expose Council to fail Identifying and monitoring individual and network risks to assets and service levels for each asset class.

Environmental Risks

The policy ensures that the risks of Climate Change are addressed in each asset management plan and adaptation actions are implemented to minimise the impact to the environment.

Social Risk

The policy ensures that future service levels are determined in consultation with the community.

Legal Risk

Improper Asset Management Policy could expose Council to fail to comply with legislation and regulatory requirements.

LINK TO CORPORATE PLAN

- 1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .

ATTACHMENTS

1. **Asset Management Policy - ENG 001** [↓](#)



Asset Management Policy

Policy No:	ENG - 001
Council Resolution Ref:	
Date Adopted:	14.02.2019
Review Date:	16.03.2023
Version No:	2
Responsible Officer:	Director Engineering Services

Purpose

The purpose of this policy is to set guidelines for implementing consistent asset management processes throughout Murweh Shire Council Commencement of Policy.

This Policy will commence on adoption by Council. It replaces all other policies (whether written or not).

Application

This policy applies to all Council departments, officers, employees, and contractors.

Policy

Asset management practices impact directly on the core business of Council and appropriate asset management is required to achieve our strategic service delivery objectives.

Adopting asset management principles will assist in achieving our Strategic Long-Term Plan and Long Term Financial objectives.

Sustainable Service Delivery ensures that services are delivered in a socially, economically and environmentally responsible manner in such a way that does not compromise the ability of future generations to make their own choices.

Sound Asset Management practices enable sustainable service delivery by integrating customer values, priorities and an informed understanding of the trade-offs between risks, costs and service performance.

The Councils sustainable service delivery needs will be met by ensuring adequate provision is made for the long-term planning, financing, operation, maintenance, renewal, upgrade, and disposal of capital assets by:

1. Ensuring that the Councils capital assets are provided in a manner that respects financial, cultural, economic and environmental sustainability.
2. Meeting all relevant legislative and regulatory requirements.
3. Demonstrating transparent and responsible Asset Management processes that align with demonstrable best-practices;
4. Implementing sound Asset Management plans and strategies and providing sufficient financial resources to accomplish them by:
 - a. Asset Management plans will be completed for all major asset / service areas.
 - b. Expenditure projections from Asset Management Plans will be incorporated into Councils Long Term Financial Plan.



Asset Management Policy

- c. Regular and systematic reviews will be applied to all asset plans to ensure that assets are managed, valued, and depreciated in accordance with appropriate best practice.
- d. Regular inspection will be used as part of the asset management process to ensure agreed service levels are maintained and to identify asset renewal priorities.
- e. Asset renewals required to meet agreed service levels and identified in adopted asset management plans, and when applicable long-term financial plans, will form the basis of annual budget estimates with the service and risk consequences of variations in defined asset renewals and budget resources documented.
- f. Future life cycle costs will be reported and considered in all decisions relating to new services and assets and upgrading of existing services and assets.
- g. Future service levels with associated delivery costs will be determined in consultation with the community.
- h. Ensuring necessary capacity and other operational capabilities are provided and Asset Management responsibilities are effectively allocated;
- i. Creating a corporate culture where all employees play a part in overall care for Councils assets by providing necessary awareness, training and professional development; and
- j. Providing those we serve with services and levels of service for which they are willing and able to pay.

The objective of the policy is to ensure adequate provision is made for the long-term replacement of major assets by:

- Ensuring that services and infrastructure are provided in a financially sustainable manner, with the appropriate levels of service to customers and the environment.
- Safeguarding infrastructure assets including physical assets and employees by implementing appropriate asset management strategies and appropriate financial resources for those assets.
- Creating an environment where all employees take an integral part in overall management of infrastructure assets by creating and sustaining an asset management awareness throughout Council by training and development.
- Meeting any legislative and regulatory requirements for asset management.
- Ensuring resources and operational capabilities are identified and responsibility for asset management is allocated.
- Demonstrating transparent and responsible asset management processes that align with demonstrated best practice.

Responsibilities

Responsibilities for implementing this policy are shared between Councillors, Executive, AM Steering Committee and staff as follows:

Councillors:

- Provide sustainable assets for the community by recognising and considering the life cycle cost of assets in making asset related decisions



Asset Management Policy

- Provide assets that deliver sustainable services to benefit the community to a level of service that justifies the costs of owning and operating these assets
- Act as custodian for assets on behalf of the community.
- Make AM decisions in accordance with Council's Corporate and Community Strategic Directions and Asset Management Policy and Strategy.
- Approve/Adopt Council's AM Policy, AM Strategy, AM Plans & Capital Works Programs

Executive

- Reflect the corporate and community strategic planning principles embraced by Council in the Asset Management Policy, Strategy and Plans.
- Seek to ensure Council allocates sufficient resources to the development, ongoing improvement and delivery of the Asset Management Strategy, Asset Management Plans, work programs and supporting systems.
- Integrate the Asset Management Policy and Strategy with the other policies and business processes of Council.
- Comply with Council's legal AM obligations.

Asset Management Steering Committee

- Provide corporate support and oversee the management of Council's assets. The Steering Committee has cross organisation representation.

Council Staff

- Develop and maintain AM Strategy and AM Plans.
- Develop long term and annual capital works programs.
- Deliver asset maintenance, renewal, upgrade and disposal programs in accordance with Asset Management Plans and agreed levels of service.
- Periodically review the Asset Management Policy, Strategy and Asset Management Plans.
- Engage up-to-date technologies, methodologies and continuous improvement processes in the management of Council's assets.
- Implement Council's AM Improvement Program.
- Implement Councils AM Annual Program.

PERFORMANCE MEASURES

The success of this policy will be measured by the following:

- Level of improvement in community satisfaction with the services provided and condition of assets in future years.
- Level of improvement in the overall condition of assets.
- Progressive reduction in the number of customer complaints and the number of reactive repair works.
- Satisfactory audit reports.
- Number of AM improvement targets identified in the Strategic AM Plan, Annual Plan and Delivery Plan achieved.
- Progressive improvement in AM maturity score.



Asset Management Policy

- Level of progress towards achieving the 'Fit for the Future' benchmark criteria.

Councillors adopt the policy and provide leadership and stewardship of Asset management principles and long-term planning.

The Chief Executive Officer has overall responsibility for developing asset management business processes, systems, organisational policies and procedures and reporting on the status and effectiveness of asset management within Council.

Directors and Managers are responsible for developing asset management plans, implementing asset management business processes, systems, organisational policies and procedures. They will form the base of the Asset Management Steering Group, with input from other officers as required.

Employees with management or supervisory responsibilities will be held accountable for the management of assets within their areas of responsibility as determined under the asset management plans

Employees will be tasked based on the relevant Asset Management Plans and will be responsible for the timely completion of allocated activities.

Audit and Review

This policy shall be reviewed every **three years** or as required due to changes to in legislation.

Definitions

Capital Renewal - Expenditure on an existing asset, which returns, restores, rehabilitates the service potential or the life of the asset up to that which it had originally. As it reinstates existing service potential, it has no impact on revenue, but may reduce future operating and maintenance expenditure if completed at the optimum time, eg. resurfacing or resheeting a material part of a road network, replacing a material section of a drainage network with pipes of the same capacity, resurfacing an oval.

Capital Upgrade - Expenditure, which enhances an existing asset to provide a higher level of service or expenditure that will increase the life of the asset beyond that which it had originally. It will increase operating and maintenance expenditure in the future because of the increase in the council's asset base, eg. widening the sealed area of an existing road, replacing drainage pipes with pipes of a greater capacity, enlarging a grandstand at a sporting facility.

New – Expenditure which creates a new asset providing a new service to the community that did not exist beforehand. As it increases service potential it may impact revenue and will increase future operating and maintenance expenditure.

Level of Service (LOS)

Defining and meeting community expectations in relation to the quality and quantity of assets and services delivered by Council.

Infrastructure Asset



Asset Management Policy

Infrastructure assets are typically large, interconnected networks or portfolios of composite assets, comprising components and sub-components that are usually renewed or replaced individually to continue to provide the required level of service from the network. Some examples are: roads; footpaths and cycle-ways; bridges; and community buildings

Asset Management Plan (AMP)

A plan developed for the management of one or more infrastructure assets that combines multi-disciplinary management techniques (including technical and financial) over the lifecycle of the assets in the most cost effective manner to provide a specified level of service.

Asset Management Information System (AMIS)

An Asset Management Information System is the foundation of all Asset Management practices. It is a combination of processes, data, software, and hardware applied to provide the essential outputs for effective asset management such as reduced risk, optimised decision making. The Asset Management Information System should integrate with other information systems within Council.

Asset Management Improvement Plan (AMIP)

This plan identifies the gap between current and the desired asset management practices.

References

Local Government Act 2009

Local Government Resolution 2012

Non-Current Asset Policy

Asset Management Strategy

Asset Management Plans



Asset Management Policy

Version Control

Version No.	Date	Approved	Amendment
1.0	14.02.2019	Neil Polglase	

Approval

Chief Executive Officer			
Date:	xx/03/2023	Signature:	

13.3 ENGINEERING REPORT

Author: Director Engineering Services
Authoriser: CEO

RECOMMENDATION
 That Council receives and notes the Engineering Report.

BACKGROUND

Local Shire Roads

A summary of the capital works and maintenance activities on Local Shire Roads is listed below.

Road Name	Activity Name	Chainage From	Chainage To	Status	Remarks
		KM	Km		
Adavale Road	Inspections	0	101.79	done	Condition 4
Bollon Road	Install Signs	45.06	45.06	done	Depth Gauges - Angellala bridge
Cemetery Road (Augathella)	Edge Break Repair	0	0.2	done	Some rain damage and washout
Clare Access Road	Inspections	0	1.86	done	Has not been graded for three years
Killarney Road	Slashing	0	0.048	done	1.5m from Bitumen edge
Loddon West Road	Inspections	0	4.98	done	Rating 3 - road has minimal use
Meigunya Access Road	Inspections	0	4.80	done	Condition 1
Monamby Road	Inspections	0	1.56	done	Condition 1
Mt Maria Road	Inspections	0	2.14	done	Condition 11
Nebine Road	Slashing	0	0.046	done	
Newholme Road	Inspections	0	28.80	done	Fair - inverts washed out again
Nimboy Road	Inspections	0	22.86	done	Condition 2
Norah Park Road	Inspections	0	31.56	done	Condition 2
Orange Tree Crossing Road	Inspections	0	18.31	done	Condition 2
Ouida Road	Inspections	0	0.692	done	Condition 1
Red Ward Road	Clearing	0	14.11	done	Clearing of regrowth from shoulders

Valeravale Road	Inspections	0	7.01	done	Fair - some wash at inverts
Winnebah Road	Inspections	0	26.90	done	Condition 1
Woolabra Road	Inspections	0	0.594	done	Fair - some wash at bridge

Road Maintenance Performance Contract (RMPC)

February 2023 Maintenance works progress report on National Highways and State Controlled Roads

Location	Activity Name	Chainage From (KM)	Chainage To (KM)	Status	Quantity	Costs (\$)
Morven - Augathella	Rest Area Servicing	0.01	88.88	on going	2,599.00	2,599.00
Morven - Augathella	Inspections for Forward List of Works	0.01	88.88	on going	2,649.00	2,649.00
Morven - Augathella	Pavement Repairs Gravel	66.9	66.907	on going	16.8	2,805.60
Augathella - Tambo	Pavement Repairs Gravel	55.88	55.88	on going	7.5	1,252.50
Augathella - Tambo	Pavement Repairs Gravel	7.42	7.42	on going	20.7	3,456.90
Augathella - Tambo	Pavement Repairs Gravel	6.74	6.74	on going	2.5	417.5
Augathella - Tambo	Pavement Repairs Gravel	6.36	6.36	on going	7.35	1,227.45
Augathella - Tambo	Pavement Repairs Gravel	6.63	6.63	on going	4.5	751.5
Augathella - Tambo	Pavement Repairs Gravel	53.32	53.32	on going	6.8	1,135.60
Augathella - Tambo	Pavement Repairs Gravel	16.98	16.98	on going	8.4	1,402.80
Augathella - Tambo	Pavement Repairs Gravel	55.86	55.86	on going	12	2,004.00
Augathella - Tambo	Pavement Repairs Gravel	55.82	55.83	on going	14.4	2,404.80
Augathella - Tambo	Pavement Repairs Gravel	55.89	55.93	on going	60	10,020.00
Morven - Charleville	Pavement Repairs (Mechanical) - Minor(50-100km)	47.41	47.418	on going	17	2,839.00
Morven - Charleville	Other roadside work	77	85.6	on going	3,414.00	3,414.00
Morven - Charleville	Pavement Repairs (Mechanical) - Minor(50-100km)	47.51	47.53	on going	51.05	8,525.35
Morven - Charleville	Pavement Repairs (Mechanical) - Minor(50-100km)	69.06	69.063	on going	8.75	1,461.25
Morven - Charleville	Other roadside work	77	85.6	on going	4,552.00	4,552.00

Cunnamulla - Charleville	Repair Signs (excluding Guide Signs)	188.33	188.33	on going	1	351
Cunnamulla - Charleville	Repair Signs (excluding Guide Signs)	168.29	168.29	on going	1	351
Cunnamulla - Charleville	Repair Signs (excluding Guide Signs)	153.56	153.56	on going	1	351
Cunnamulla - Charleville	Repair Signs (excluding Guide Signs)	153.47	153.47	on going	1	351
Charleville - Augathella	Herbicide Spraying	0.01	78.4	on going	2,750.00	8,250.00
Charleville - Augathella	Inspections for Forward List of Works	0.01	78.4	on going	5,739.00	5,739.00
Charleville - Augathella	Rest Area Servicing	0.01	78.4	on going	7,993.00	7,993.00
Charleville - Augathella	Pavement Repairs (Mechanical) - Minor(50-100km)	3.53	3.54	on going	22.92	3,827.64
Charleville - Augathella	Call Outs Required As Normal Defects	44	44	on going	1,104.00	1,104.00
Charleville - Augathella	Herbicide Spraying	0.01	78.4	on going	3,050.00	9,150.00
Charleville - Quilpie	Call Outs Required As Normal Defects	0.01	106.15	on going	1,766.00	1,766.00
Charleville - Quilpie	Clearing	90	95	on going	388	388
Charleville - Quilpie	Call Outs Required As Normal Defects	0.01	106.15	on going	2,529.00	2,529.00
Charleville - Quilpie	Gravel Supply - Heavy Shoulder Grading	28.43	30.51	on going	630	25,200.00

Water & Sewerage

Maintenance works carried out in Feb 2023.

Water works.

Charleville

Activities	Completed
Service Line Breaks	4
Repair Water Mains	4
Meters Replaced/ checked	3
Pump Station Faults	1
Water Bore Maintenance	0
Disconnections	0
New Connections	1

Morven

Activities	Completed
Service Line Breaks	3
Repair Water Mains	2
Meters Replaced/ checked	6
Pump Station Faults	1
Water Bore Maintenance	0
Disconnections	0
New Connections	0

Augathella

Activities	Completed
Service Line Breaks	2
Repair Water Mains	2
Meters Replaced/ checked	2
Pump Station Faults	2
Water Bore Maintenance	0
Disconnections	0
New Connections	0
Renewed valve in water tower	1

SEWERAGE

Charleville

Activities	Completed
Main line Chokes	4
Service Line Chokes	2
Pump Station Faults	1
Toilet Faults	3
New Connections	1
Unblock Sewer House / Main Connections	3
Pressure System Faults	

Morven

Activities	Completed
Main line Chokes	0
Service Line Chokes	0
Pump Station Faults	0

Toilet Faults	0
New Connections	0
Unblock Sewer House / Main Connections	0
Pressure System Faults	

Augathella

Activities	Completed
Main line Chokes	0
Service Line Chokes	0
Pump Station Faults	1
Toilet Faults	2
New Connections	0
Unblock Sewer House / Main Connections	1
Pressure System Faults	1

Note: Rebuilt sewer jump up in Wildie street, bad blockage at Cubb and Co , Caravan park, Pump station faulted out, reset and pumped out

Electrical

Activity	Charleville	Augathella	Morven
Morven Rail Hub practical completions			✓
Augathella U.V. maintenance		✓	
Scope OMOA with 'Exzibit' for interactive works and electrical requirements	✓		
U.V maintenance at Morven low tank			✓
Replace horse swim floodlight & new RCD & adaptable box	✓		
Replace faulty hydrovar on Pump #1 at Bore #2	✓		
OMOA liaison with Ergon Energy & Poly / site visits / H.V augmentation proposals	✓		
Investigate unusual readings from both v-notch weirs at Charleville STP. Order replacement parts & programme existing equipment.	✓		
Pull Bore at Cooladdi Foxtrap – Identify burn out, place & recommission			
Installation of horse stall lighting to western side of Racecourse horse stalls	✓		
Inspection of electrical equipment at Showgrounds prior to Adrian Vowles Cup	✓		
General maintenance of aged care facilities – A/C's, lights, smoke alarms	✓	✓	

Fault finding of air bridge connection to VIC – replace radio dish & advise Pinnacle IT	✓		
Scope requirements for CCTV cameras at Bore #5 & Morven Rail Hub	✓		✓
Replace faulted floodlight at Augathella Camp		✓	
Install new solar light at Main Street aged care units		✓	

Building

Activity	Charleville	Augathella	Morven
Swimming pool doors	✓		
Pad bolt doors at WWII Building	✓		
Mount new camera at Charleville Dentist	✓		
Install new BBQ at Morven Rec Grounds			✓
Street numbering signs in Charleville	✓		
New lights at dog pound	✓		
Put in new locks at Historic House toilets	✓		
Put up new football posts at Brassington Oval		✓	
Fix sheeting at Augathella Hall		✓	
Fix Showgrounds fence	✓		
Fix Racecourse gate latch	✓		
Fix Airport gate		✓	
Pathway edging outside Charleville State School	✓		
Fix lock at Made In Murweh shop	✓		

Town Maintenance

Activity	Charleville	Augathella	Morven
Grave Digging	0	0	0
Edge Break			
Pothole Patching	✓	✓	
Repair Seal Defects			

Bitumen Sealing (Reseal)			
Heavy Patching/Pavement Repair			
Gravel Resheeting			
Shoulder Grading			
Table Drain & Floodway Maintenance	✓		
Clear Culverts			
Subsurface Drains			
Slashing	✓	✓	✓
Hand Mowing	✓	✓	✓
Clearing	✓	✓	✓
Weed Spraying	✓	✓	
Maintain Signs	✓	✓	✓
Guidepost Maintenance			
Footpath Works	✓		
Line Marking			
Kerb & Channel	✓		
Street Furniture Maintenance			
Riverwalk Maintenance	✓	✓	
Litter Collection	✓	✓	✓
Pit Maintenance	✓	✓	✓
Dead Animals	✓	✓	✓
Other			
Works Requests			
Playground Inspections	✓	✓	✓
Clean BBQs	✓	✓	✓
Slash Gully	✓		
Plant Flowers			
Fix Sprays in Park	✓	✓	✓
Water pots in Main Street	✓	✓	
Mow Ovals & Parks	✓	✓	✓
Service Plant	✓	✓	✓
New Signs			
Jobs			
<ul style="list-style-type: none"> • Setup for Adrian Vowles Cup weekend • Prepared and laid turf at Brassington Oval • Park maintenance in all three towns 			

Workshop

MSC WORKSHOP MONTHLY REPORT FEBRUARY 2023

SAFETY

Zero Incidents or accidents

WORK CARRIED OUT ON UTES

Unit 667	Carried out service	Unit 618	Carried out service
Unit 658	Carried out service	Unit 664	Carried out service
Unit 664	Carried out service	Unit 661	Carried out service
Unit 613	Replaced battery	Unit 621	Carried out service
Unit 672	Carried out service		
Unit 608	Replaced radiator, thermostat, top and bottom radiator hoses		
Unit 611	Installed work lights and beacon lights		
WORK CARRIED OUT ON VEHICLES			
Unit 671	Installed cell – fi phone signal booster		
WORK CARRIED OUT ON TRUCKS			
Unit 52	Replaced batteries	Unit 54	Carried out service
Unit 55	Replaced belts	Unit 44	Replaced EGT sensors
Unit 45	Repaired air leaks and replaced hydraulic hoses		
Unit 33	Replaced trailer wiring and bulbar lights		
Unit 57	Replaced hydraulic hoses, replaced hopper screens and pneumatic cylinders		
Unit 41	Carried out service and replaced belts		
WORK CARRIED OUT ON GRADERS			
Unit 118	Sample and change circle drive oil		
Unit 117	Sample and change circle drive oil, adjust circle and carried out service		
WORK CARRIED OUT ON TRAILERS			
Unit 475	Adjust brakes and repaired tarp		
Unit 476	Repaired air leaks, replaced shock absorber, repaired tarp, repaired drawbar, and replaced all brake linings		
Unit 230	Carried out service		
WORK CARRIED OUT ON NAVMAN			
Unit 59	Installed Navman system		
WORK CARRIED OUT ON TRACTORS			
Unit 181	Replaced hydraulic coupling for loader attachment		
Unit 193	Replaced UHF aerial and replaced radiator cap		

Unit 190	Replaced PTO output shaft
Unit 175	Replaced PTO solenoid
WORK CARRIED OUT MOWERS	
Unit 584	Replaced air con compressor, replaced evaporator, replaced rear main seal, resealed roof and replaced PTO gearbox seals
Unit 581	Replaced water pump and repaired seat
Unit 589	Replaced front wheel bearings
Unit 583	Replaced radiator, driveshaft, and driveshaft fan
Unit 585	Replaced PTO gearbox seals, replaced evaporator, replaced front wheel bearings and bushes
WORK CARRIED OUT ON MISCELLANEOUS	
Unit 172 Loader	Carried out service
Unit 191 Drum roller	Repaired coolant leak, replaced LH door latch and door seals
Unit 567 Line marker	Replaced pressure adjustment cable, replaced throttle cable and replaced paint hoses
Unit 164 Backhoe	Replaced battery
Unit 351 Dingo	Carried out service, replaced hour meter and repaired hydraulic pump
Unit 226 Slasher	Replaced gearbox
Unit 212 ATV	Carried out service
PLAN FOR MARCH	
Complete annual trailer and generator services	

Assets Department

QRA Works (Can you put QRA in full?)

- Delivery of REPA (please put in full?) works for December 2021 Event
 - Verified completion of emergency works and preparing draft for lodgement of submission to MARS (please put in full_ Portal
 - Monitored progress for delivery of QRRRF21 (please put in full) program
-
- Completed quotation documents for Langlo Mt. Morris Road pavement upgrade works.
 - Completed survey – Augathella storm water drain and Bore 5 Shed.
 - Draft/ Concept drawings for Bore 5 Shed and Stormwater pipes.
 - Parking design for Wills Street West - South and Wills Street East - North Side.
 - Vehicle Swept path drawings for proposed weighbridge locations.

- Completion of Reseals on Biddenham, Redward, Khyber and Old Charleville Roads.
- Revised roadworks program for current financial year.
- Revised capital works program and updated relevant agencies on progress.

Development Approvals

BA Number	Lot_Plan	Applicant Name	Service Address	Type of Works	Approval Date
7657	L6 C140114	KERR Jarrod	13 Walter Street, Charleville QLD 4470	Construction of new deck & shed	7 February 2023
7660	L29 SP226232	JEISMAN Becky	128 Albert Park Road, Charleville QLD 4470	Construction of shed	9 February 2023
7659	L43 SP249974	R&F Steel Buildings Charleville	65 Caviar Drive, Charleville QLD 4470	Construction of shed	13 February 2023
7661	L9 RS90	SARGOOD Adma	66868 Warrego Highway, Charleville QLD 4470	House Removal	22 February 2023
7662	L4 RP813108	CONNOLLY Melanie	35 Jupp Street, Charleville QLD 4470	Demolition of Above-Ground Swimming Pool & Fence	22 February 2023

LINK TO CORPORATE PLAN

- 1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .
- 2.4.1 Road and street infrastructure investment is strategic and effective to accomplish maintenance priorities and development opportunities

ATTACHMENTS

1. **Engineering Services Costing Report** [↓](#)

MURWEH SHIRE COUNCIL ENGINEERING SERVICES COSTING SUMMARY

ROAD MAINTENANCE AND FLOOD DAMAGE		Council Meeting: 16 March 2023			
Road No	Road Name	Routine Maintenance Expenditure	ORA Dec 2021 Flood Damage Expenditure	ORA May 2022 Flood Damage Expenditure	ORA Sep 2022 Flood Damage Expenditure
4001	Adavale Road	\$ 44,573.22	\$ 3,462.92	\$ 5,534.17	
4002	Alice Downs Road	\$ 3,502.00	\$ 49,974.19		
4003	Allambie Road		\$ 800.00		
4004	Allendale - Warrah Road	\$ 1,147.99	\$ 3,317.83		
4005	Armadilla Road	\$ 5,543.60	\$ 6,275.00		
4006	Bakers Bend Road				
4007	Balmacara Road	\$ 76,363.22	\$ 117,711.22		
4008	Barnermans Road				
4009	Barrago Road	\$ 2,402.05	\$ 29,366.92		
4010	Biddenham Road	\$ 41,427.41	\$ 2,827.23		
4011	Bilbie Park Road	\$ 33,083.94			\$ 50,568.20
4012	Bilcola Road		\$ 593.94		
4013	Blackburn Road				
4014	Lodden Road Black Tank				
4015	Black Ward Road	\$ 1,034.05	\$ 27,895.25		
4016	Boggarella Road	\$ 12,781.36	\$ 680.87		
4017	Belfosse Road		\$ 718.52		
4018	Barrandilla Road	\$ 715.87			
4019	Albury Road				
4020	Caldervale - Khyber Road		\$ 23,493.26		
4021	Auburnville Road	\$ 1,805.86			
4022	Calonne Road				
4023	Cargara Road				
4024	Caroline King Road	\$ 12,286.05	\$ 1,004.58		
4025	Clara Creek Road				
4026	Cooladdi Access Road				
4027	Cooladdi-Langlo Crossing		\$ 6,593.71		
4028	Cooladdi-Yarronvale Road				
4029	Coolamon Road				
4030	Crookdale Road	\$ 1,243.48	\$ 8,945.03		
4031	Curmo Road	\$ 8,359.35	\$ 28,925.37		
4032	Darbyshire Road				
4033	De Werra Road				
4034	Diallah Bridge Road	\$ 3,488.67			\$ 6,423.23
4035	Doobillah Road				
4036	Dundee Road	\$ 588.00	\$ 137.60		
4037	Durella Road	\$ 3,307.20	\$ 25,915.00		
4038	Forland Road	\$ 813.02			
4039	Glenallen Road		\$ 19.92		
4040	Greenbrook Road				
4041	Greenstead Road				
4042	Guestling Road	\$ 1,179.52			
4043	Gundarra Road	\$ 322.63	\$ 498.41		
4044	Gunnawarra Road	\$ 524.06			
4045	Hillgrove Road	\$ 9,453.60	\$ 97.26		
4046	Hogantulla Road				
4047	Hythe Road		\$ 2,751.01		
4048	Joylands Road				
4049	Khyber Road	\$ 64,525.82	\$ 316,031.81		
4050	Killarney Road	\$ 24,882.37	\$ 859.41		\$ 20,015.00
4051	Laguna Road	\$ 28,652.62	\$ 71,285.74		
4052	Lanolo River Road	\$ 2,133.94	\$ 3,583.50		
4053	Maruga Road				
4054	Maryvale Road	\$ 20,346.77	\$ 79,819.90		
4055	Merrigara Road				
4056	Merrigara Road		\$ 2,927.27		
4057	Middle Creek Road	\$ 8,385.06	\$ 25,505.01		
4058	Mona Road				
4059	Mt Maria Road	\$ 5,253.00	\$ 56,605.00		
4060	Mepanya Access road	\$ 1,177.36			
4061	Mt Tabor Road	\$ 167,074.39	\$ 966,655.02		
4062	Murweh Road				
4063	Narrga (Raincourt) Road				
4064	Nebine Road	\$ 18,018.33	\$ 4,570.89		
4065	Nebine Botton Shortcut				
4066	Nebine Comm. Ctr Road				
4067	New Farm Road				
4068	Newhome Road	\$ 480.25	\$ 5,830.44		
4069	Newstead Road	\$ 7,121.80	\$ 28,785.12		\$ 49,391.00
4070	Nimboi Road				
4071	Nooraloo Road	\$ 6,503.23	\$ 72,342.14		\$ 36,996.30
4072	Norah Park Road	\$ 360.10			
4073	No 7 Block Road		\$ 91.60		
4074	Old Charleville Road	\$ 29,631.60	\$ 46,730.26		
4075	Old Quilpie Road	\$ 1,223.56	\$ 888.96		
4076	Old Tambora Road	\$ 121,018.47			
4077	Orange Tree Xing Road				
4078	Ouida Road				
4079	Ouida Downs Road		\$ 6,630.00		
4080	Oxford Downs Road	\$ 397.42			
4081	Perola Park Road	\$ 700.82			
4082	Pinnacle Road	\$ 372.97			
4083	Red Ward Road	\$ 44,858.57	\$ 10,421.48		
4084	Rhyllstone Road				
4085	Rocky Road		\$ 30,098.48		
4086	Rosebank Road				
4087	Roslin Road	\$ 4,737.50			
4088	Rosa Park Road	\$ 1,327.49			
4089	Rosewood Road				
4090	Shelbourne Road				
4091	Sherwood Road				
4092	Lodden Road West				
4093	Tantillon road				
4094	Treacle Road	\$ 428.79			
4095	Uabba Road	\$ 238.16	\$ 420.77		
4096	Urrua Road				
4097	Vallavale Road	\$ 7,807.90			
4098	Wallal-Riversleigh Road				
4099	Wardsdale Road	\$ 3,059.93	\$ 700.34		
4100	Wareford Road				
4101	Wellwater Road	\$ 2,035.77	\$ 5,362.62		
4102	Wheatleigh Road	\$ 991.72	\$ 1,516.39		
4103	Winneba Road	\$ 39,003.87	\$ 64,860.00		
4104	Wirringa Road				
4105	Wongalee South Rd				
4106	Wongalee North Rd				
4107	Wongamere Road				
4108	Woodlbra				
4109	Woodvong Road		\$ 602.61		
4110	Boatman Wyandra Road				
4111	Red Lane Road	-\$ 0.04	\$ 122.00		
4112	Borea Access Road				
4113	Clara Access Road		\$ 1,181.82		
4114	Caledonia Road	\$ 7,264.40	\$ 2,970.00		
4115	Wintara Road				
4117	Riccarton Road	\$ 185.48	\$ 473.40		
4118	Yarra Bridge Road		\$ 402.38		
4119	27 Mile Gardens Road				
4120	Bolon Road	\$ 64,185.24	\$ 6,233.03		
4121	Breakaway Road				
4122	Clara Park Road	\$ 1,256.31	\$ 5,945.49		
4123	Columbo Road				
4124	Cooladdi Pump Road				
4125	Creswell Access Road				
4129	Lasso Gowie Road				
4130	Rosemount Road				
4131	Aronfield Road				
4132	Monamby Park Road				
4133	Northview Road				
4134	Palmers Road	\$ 0.03			
4135	Lyons Road	-\$ 0.01			
4136	Paroval Road				
4137	Rainmore Road		\$ 6,863.39		
4138	Westlyn Road				
	Total	\$ 952,587.04	\$ 2,169,331.33	\$ 5,534.17	\$ 163,394.73
	Budget	\$ 1,300,000.00	\$ 5,337,161.67	\$ 429,375.36	Funding yet to be finalised
	Percentage Expended	73%	41%	1%	
	Percentage through Year	69%			

PLANT MAINTENANCE

Item	2021-2022 Expenditure	2022-2023 Expenditure
Wages	\$ 303,388.64	\$ 161,666.00
Parts	\$ 806,919.72	\$ 484,157.07
Tires & Tubes	\$ 157,473.42	\$ 73,597.38
Fuels & Oils	\$ 789,629.94	\$ 672,789.60
Registration	\$ 84,271.18	\$ 105,887.23
Wages (supervision)	\$ 234,809.00	\$ 177,599.93
Consumables	\$ 44,960.85	\$ 22,774.58
Workshop Apprentice	\$ 5,837.58	
Insurance	\$ 6,570.00	\$ 62,984.97
Total Expenditure	\$ 2,453,870	\$ 1,762,156.76
Budget Expenditure	\$ 2,599,586.00	
Percentage Expenditure	\$ 1,762,156.76	\$ 32,348,008.03
Revenue to Date		\$ 4,134,000.00
Percentage Revenue		57%
Percentage through Year		69%

URBAN STREET MAINTENANCE

Item	2021-2022 Expenditure	2022-2023 Expenditure
Augathella Street Lighting	\$ 17,145.13	\$ 11,153.22
Morven Street Lighting	\$ 7,503.80	\$ 409.11
Charleville Street Lighting	\$ 50,526.01	\$ 33,413.96
Augathella Street Maintenance	\$ 213,492.64	\$ 178,515.07
Morven Street Maintenance	\$ 111,125.60	\$ 85,871.41
Charleville Street Maintenance	\$ 700,280.74	\$ 534,495.78
Augathella Street Cleaning	\$ 34,510.98	\$ 17,296.18
Morven Street Cleaning	\$ 38,653.04	\$ 22,408.30
Charleville Street Cleaning	\$ 320,927.36	\$ 177,069.08
Charleville Mowing/Slashing/Weeds	\$ 54,103.43	\$ 27,355.50
Morven Mowing/Slashing/Weeds	\$ 49,292.31	\$ 46,611.73
Augathella Mowing/Slashing/Weeds	\$ 123,072.76	\$ 105,076.95
Total Expenditure	\$ 1,725,634	\$ 1,237,673.29
Budget	\$ 1,300,000.00	
Percentage Spent		95%
Percentage through Year		69%

PUBLIC FACILITIES MAINTENANCE

Item	2021-2022 Expenditure	2022-2023 Expenditure
Augathella Public Facilities Maintenance	\$ 34,606.66	\$ 36,901.27
Morven Public Facilities Maintenance	\$ 40,767.34	\$ 30,789.94
Charleville Public Facilities Maintenance	\$ 70,330.26	\$ 52,827.82
Augathella Vandalism Expenses	\$ 160.11	\$ 185.40
Charleville Vandalism Expenses	\$ 3,980.51	\$ 2,800.92
Morven Vandalism Expenses	\$ -	\$ -
Total Expenditure	\$ 149,844.88	\$ 123,505.35
Budget	\$ 142,800.00	
Percentage Spent		86%
Percentage through Year		69%

PARKS AND GARDENS MAINTENANCE

Item	2021-2022 Expenditure	2022-2023 Expenditure
Augathella Parks & Garden	\$ 88,820.77	\$ 100,110.52
Morven Parks & Garden	\$ 79,881.09	\$ 50,384.76
Charleville Parks & Garden	\$ 706,681.15	\$ 600,697.39
Total Expenditure	\$ 875,383.01	\$ 751,192.67
Budget	\$ 815,000.00	
Percentage Spent		92%
Percentage through Year		69%

13.4 REQUEST FOR ASSISTANCE BY BOTANICAL RESERVE

Author: Director Engineering Services

Authoriser: CEO

RECOMMENDATION

That Council consider approve the budget of \$10,000 from the job costing number 3207- 2000 to conduct works on the Charleville Botanical Reserve.

BACKGROUND**Purpose**

The purpose of this report is to provide background information to Council to conduct works at the Charleville Botanical Reserve as requested by the Management Committee. The Management Committee has submitted a request to Council to carry out items listed below.

The Management Committee have given and undertaking that they will co-fund with Council to the value of approximately \$ 5000 depending upon their funding approval.

Discussion

The Charleville Botanical Reserve is 15km out of town on the Cunnamulla Road and is a Reserve for environmental purposes under the trusteeship of Murweh Shire Council. There is a 30 km self-guiding driving track with interpretative signs about the plants and animals, and a 2 km walking track. Since it was opened to the public in 2021, it has become a well-visited tourist attraction. The attached draft Management Plan 2023 (Attachment A) contains some background on the Reserve, its values, infrastructure and management. Over the years, the Charleville Botanical Reserve I has received funding from external grants, e.g. Southern Queensland Landscapes and from Council, as well as in-kind contributions from Queensland Parks and Wildlife, to establish and maintain the tracks, design and install signage and conduct monitoring and management on the Reserve.

Unfortunately, over summer, some of the infrastructure in the Reserve - a vegetation sign and some panels from the recycled plastic picnic tables - have been vandalised and stolen. Both the driving and walking track are overgrown, there is a legislative requirement need to maintain internal and external fire breaks around the highly flammable spinifex vegetation in the Reserve. These issues need to be addressed prior to tourist season so that the Reserve is both safe and enjoyable for visitors.

The site has been inspected and following urgent activities have been listed:

1. Grading 30 km access road and gravel sheeting in 3 places
2. Grading 2 km walking track by bob cat
3. Replacing the stolen spinifex vegetation sign (1200 mm x 1000 mm)
4. Installation of "4WD only 'sign – 1

5. Installation of “No caravans or trailers ‘– 1
6. Installation of “Dry weather road only ‘sign – 1
7. Installation of wooden posts – 2
8. Replacement picnic table strips – 16 strips

Work will commence 20/3/2023 and will be completed by 24/3/2023 if this recommendation is approved.

Consultation

The following staff were consulted in relation to the activities for their availability and costings:

- Road team
- Carpenter
- Suppliers

Financial Risks

The estimated cost of \$ 10,000.00 has not been allocated in the current budget for this project. It is recommended that a provision of \$ 10,000 be established, from 3207-2000. Based on the information provided, the committee has lodged an EOI for \$20,000.00 under the current round of Stronger Community grants. The committee has agreed to contribute 50 % of the funding approval towards the project.

Environmental Risks

N/A

Social Risk

N/A

Legal Risk

N/A

LINK TO CORPORATE PLAN

- 4.3.1 Supply chain infrastructure and service meet current and future industry needs and community expectations.

Please label attachment A and B Below.

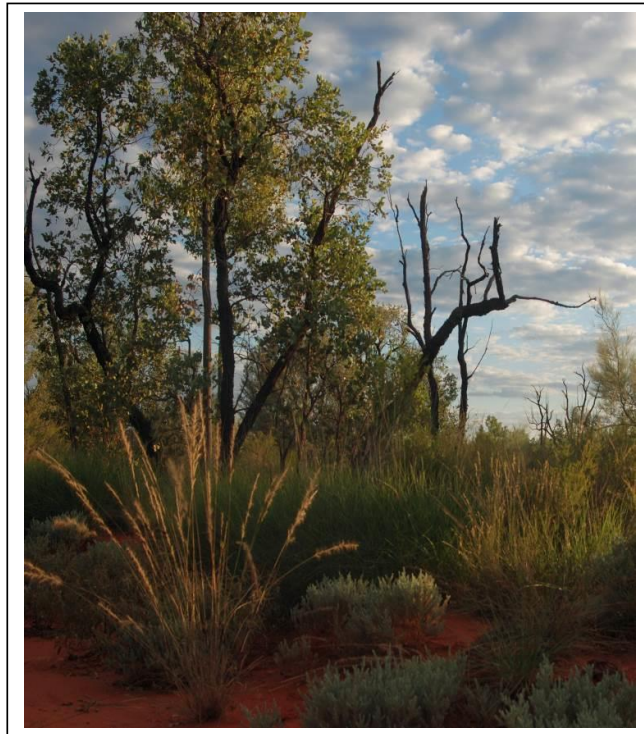
ATTACHMENTS

1. **Botanical Reserve Management Plan** [↓](#)
2. **Email for request** [↓](#)

January 2023

Charleville Botanical Reserve

Management Plan 2023



Submitted to Murweh Shire Council by Charleville
Botanical Reserve Management Committee

Charleville Botanical Reserve

Management Plan, January 2023

Document history

Version	Date	Changes
Version 1	June 2006	Written by Jen Silcock
Version 2	June 2006	Edits made by Peter McRae and Renee Moore
Version 3	August 2006	Renee Moore worked on updating RE info, developing actions, adding maps and general editing
Version 4	August 2006	Renee and Jen edited and added sections to plan
Version 5	September 2006	Review and editing by Nick Swadling (Murweh Shire Councillor and Reserve neighbour)
Version 6	November 2006	Review and edits by Vickie Webb, South West NRM and Nick Swadling
Version 7	January 2007	Draft Management Plan finalised and submitted to Council
Version 8	January 2023	Steering committee (Jen Silcock, Tracy Wattz, Danielle Lancaster, Tony Mayo and Robert Eckel) revising Management Plan – IN PROGRESS

Acknowledgements

We acknowledge the Traditional Owners of the land that the Charleville Botanical Reserve lies upon and their ongoing connection to Country. Many people have been involved in the establishment and development of the Reserve over more than two decades, and we particularly acknowledge the efforts of Peter McRae, Tony Ferguson, Renee Jansen, Mark O'Brien, Julie Frousheger, Paul O'Connor and others at the Murweh Shire Council. Steve Peck provided the fauna species list for the Reserve.

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Summary

The Charleville Botanical Reserve is an area of 2,200 hectares situated 15 km south of Charleville. Previously used for light grazing as a Stock Trucking Reserve and butcher's paddock, it was declared a Reserve for Environmental Purposes in 2003 under the trusteeship of the Murweh Shire Council, in recognition of its ecological values and educational and tourism potential. The Reserve contains most of the major vegetation types found in the central Mulga Lands including some that are not represented in the Reserve system and are of conservation concern. This diversity is reflected in the >470 species of plants and animals recorded to date, including two Vulnerable species.

The Reserve is an ideal place for showcasing the diverse vegetation types of the Mulga Lands, and for travellers and locals to experience and learn about the semi-arid lands. The Reserve was opened to the public in September 2021. A 30 km self-guiding drive with interpretative signs, 2 km walking track and six picnic areas have been established. The Reserve also requires ongoing land management including weed control and fire management are required.

A Management Plan was drafted in 2007 by a committee with representatives from Murweh Shire Council (MSC), Save the Bilby Fund and South West NRM. This plan outlined a management vision for the Reserve and detailed the actions needed to achieve this. This updated Management Plan 2023 follows the structure of the 2007 Plan, and summarises what has been done to date and management priorities (with responsible party and costings in brackets). These are:

- 1) Ongoing visitor and infrastructure management including track patrols and maintenance and closure of Reserve as required after rain (MSC; in-kind)
- 2) Replacement of the spinifex vegetation sign and picnic table panels that were stolen in late 2022, prior to 2023 tourist season (total \$3000 including freight; MSC),
- 3) Planned mosaic burning of the spinifex vegetation community as soon as conditions are favourable (Rural Fire Service, QPWS in-kind),
- 4) Installation of two additional walking tracks and signage relating to Aboriginal plant use (\$2000; MSC)
- 5) Investigation of potential for guided tours at the Reserve (Management Committee)

With active and ongoing management, the Reserve has the potential to become a major tourist attraction and educational resource for the Charleville community.

1.0 Introduction

1.1 Overview of Reserve

The Charleville Botanical Reserve is an area of approximately 2,200 hectares, situated in the Murweh Shire and lying 15 kilometres south of Charleville (Figures 1 and 2). Previously used for grazing as part of the Town Common and as a holding area for stock awaiting transportation, it was known in later years as the 'Stock Trucking Reserve'. In 1963 it was leased to a local butcher for holding animals prior to slaughter. When this lease expired in 2003, the area was gazetted as an Environmental Reserve under the trusteeship of the Murweh Shire Council. Appendix 1 provides a summary of the history of the Reserve from its declaration as a Trucking Reserve in 1898 to the present day.

The Reserve encompasses a wide variety of species and community types, including spinifex (*Triodia marginata*) shrubby heathlands, typically with an overstorey of open silver-leaf ironbark (*Eucalyptus melanophloia*) woodland; a range of mulga (*Acacia aneura*) communities; coolabah (*Eucalyptus coolibah*) floodplains and swamps; gidgee (*Acacia cambagei*) swamps; poplar box (*Eucalyptus populnea*) woodlands; and a sand ridge dominated by white cypress pine (*Callitris glaucophylla*), carbeen (*Corymbia tessellaris*) and a variety of other tree and shrub species. To the west, the Reserve adjoins a Stock Route along the Warrego River. Many of the major vegetation types that occur in the central Mulga Lands Biogeographic Region are represented in this unique parcel of land.

1.2 Purpose and history of Management Plan and Reserve management

This Management Plan identifies the key values and potential of the Reserve as the basis for ongoing and future management. It summarises the history of the Reserve and its management and sets out actions for the conservation and use of the Reserve including land management, interpretative, tourism and scientific activities.

The original Management Plan was drafted in 2007 by members of the original Advisory Committee. This committee met regularly between 2005 and 2007, and included representatives from Murweh Shire Council (Mark O'Brien, Nick Swadling and Cheryl Barrett), Save the Bilby Fund (Peter McRae and Jen Silcock) and South West NRM (Geoff Edwards, Mick McNiven and Linda Durham), as well as Renee Jansen as a community representative.

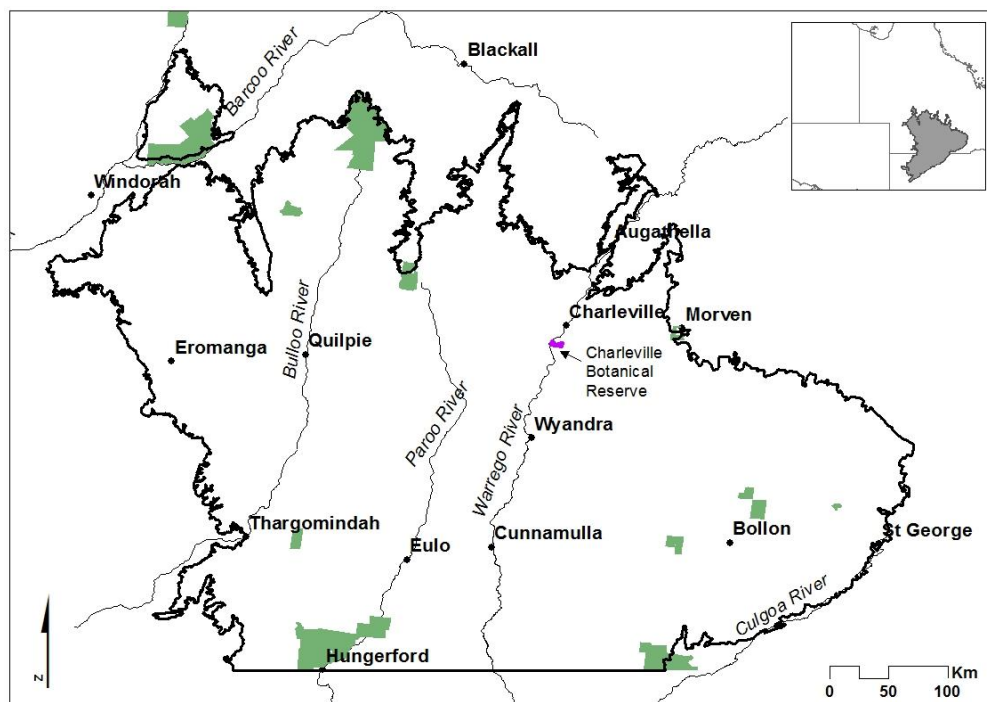


Figure 1. Mulga Lands biogeographic region, showing existing reserves (green) and the location of the Charleville Botanical Reserve (purple)

The 2007 Plan was submitted to Murweh Shire Council as a 10-year plan. Between 2004 and 2014, substantial work was undertaken towards the objectives outlined in the Management Plan including:

- 1) Vegetation communities were mapped by Jen Silcock with assistance from Tracy Wattz and Peter McRae
- 2) Interpretative material was developed by Jen Silcock, Peter McRae and Kristy Day, and seven botanical signs were printed with funding from South West NRM
- 3) The route of a self-guiding drive was plotted and the first 5 km was constructed by Murweh Shire Council
- 4) The southern boundary adjoining the Stock Route was fenced and a grid installed by the Charleville Cricket Club

Charleville Botanical Reserve

Management Plan, January 2023

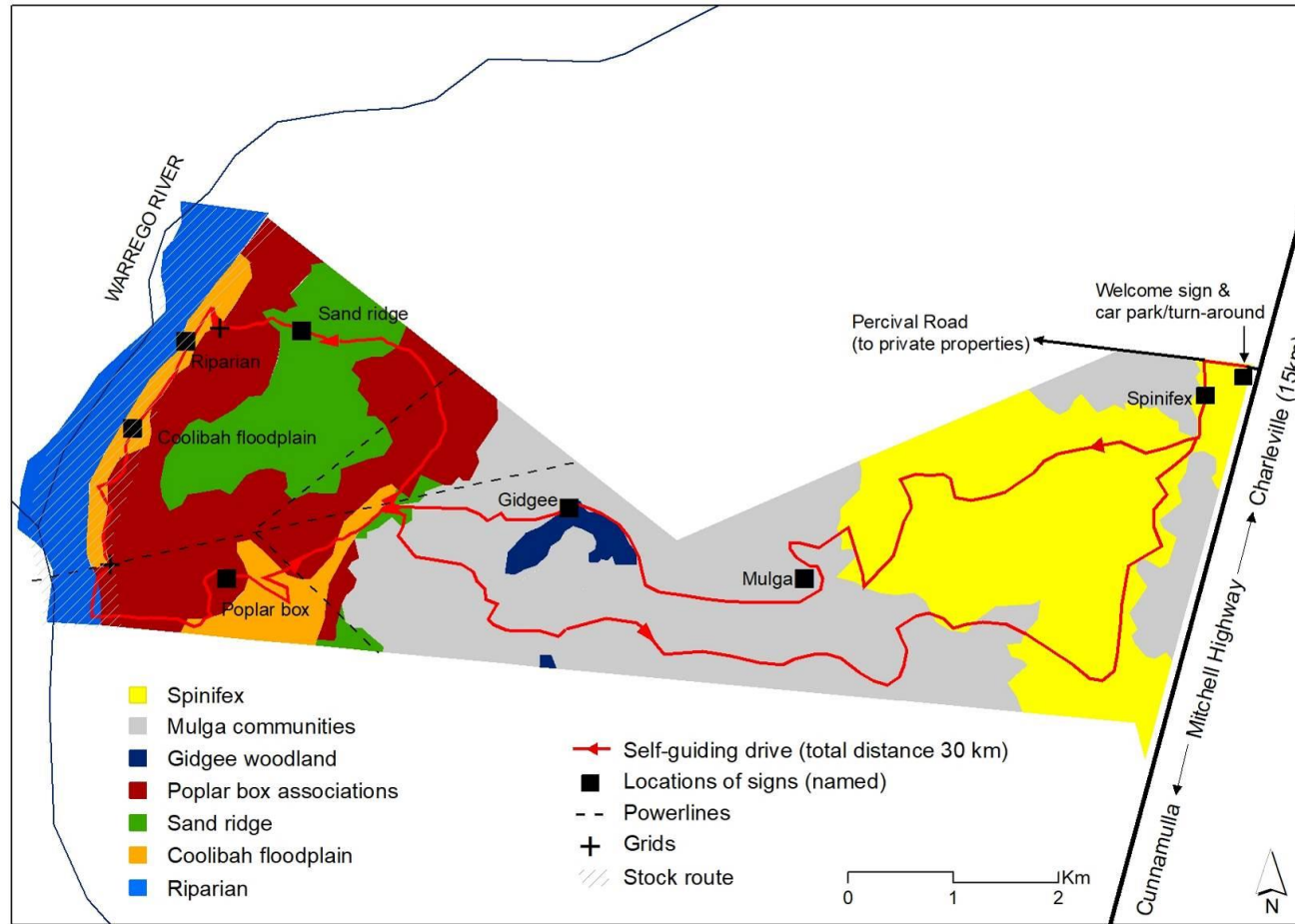


Figure 2. Charleville Botanical Reserve, showing broad vegetation communities, self-guiding drive and location of signs

Charleville Botanical Reserve

Management Plan, January 2023

The Management Plan expired 10 years from the date of adoption by the Murweh Shire Council (i.e. in 2017). By this time, the Management Committee had disbanded and there was little activity towards getting the Reserve operational.

Following Peter McRae's passing in September 2018, Jen Silcock and Tracy Wattz approached Murweh Shire Council (through then-Mayor Annie Liston and Shire Engineer Paul O'Connor) about completing the driving track and installing signs, to realise Peter's vision for the Reserve. The track was completed in 2020, signs were installed and a 2 km walking track through the spinifex constructed. The Reserve was officially opened in September 2021.

A new steering committee has emerged comprised of Jen Silcock (University of Queensland), Tracy Wattz (Queensland Parks and Wildlife), Danielle Lancaster (photo-journalist and formerly Murweh Shire Council tourism manager), Tony Mayo (Bush Heritage Australia) and Robert Eckel (Murweh Shire Councillor). This document presents a revised Management Plan (based on the structure of the original 2007 Plan), submitted to Murweh Shire Council in January 2023. This document:

1. Outlines the values of the Reserve and a vision for its management
2. Summarises its current infrastructure and operation
3. Identifies broad management areas, with objectives and actions for each of the following:
 - i. Management of natural resources
 - ii. Management of cultural heritage
 - iii. Communication and marketing
 - iv. Management of recreation and tourism
 - v. General Reserve administration, infrastructure and operation

2.0 Ecology and values of the Charleville Botanical Reserve

2.1 Natural resources and values

2.1.1 Physical Environment

A variety of landforms occur within the Reserve including sandplains, sand dunes, swamps and floodplains. An elevated sandy ridge runs through the western section of the Reserve, while the area is bordered to the west by the anastomosing channels created by the junction of the Ward and Warrego Rivers. This variety of landforms gives rise to a unique assemblage of plant and animal communities.

2.1.2 Vegetation

The Reserve contains a variety of vegetation types typical of the central portion of the Mulga Lands biogeographic region, including six Regional Ecosystems (Figure 3, Table 1). While none are classified as being ‘of concern’ in terms of Vegetation Management status (assessed by proportion of the ecosystem that has been cleared and is now classified as non-remnant), two are considered ‘of concern’ in terms of biodiversity status (which indicates the existence of threatening processes other than clearing) and all have no or low representation in the existing Reserve system (Queensland Herbarium 2021).

The two mulga-dominated Regional Ecosystems represented in the Reserve have been heavily modified in structure and composition by grazing and thinning, and are subject to ongoing broadscale clearing. The riparian, floodplain and gidgee swamp communities are often subject to high total grazing pressure, and the Reserve provides an opportunity to limit this grazing pressure and allow vegetation recovery.

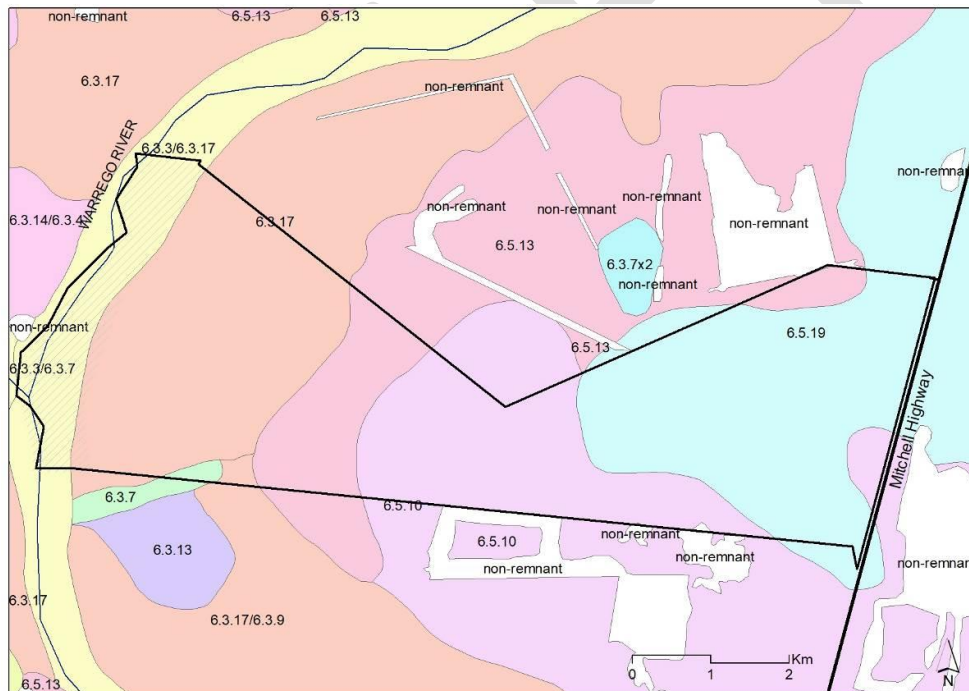


Figure 3. Regional Ecosystems mapped in Charleville Botanical Reserve (Queensland Herbarium 2021)

Table 1. Regional Ecosystems (REs) Present in Charleville Trucking Reserve (based on RE Version 5; EPA 2006)

RE	Short description	Extent reserved	Biodiversity status	Comments
6.3.3	<i>Eucalyptus camaldulensis</i> and/or <i>E. coolabah</i> +/- <i>Acacia stenophylla</i> , <i>Melaleuca trichostachya</i> woodland fringing channels of major watercourses	Low	Of concern (high total grazing pressure leading to habitat loss and weed infestation)	High fauna diversity, particularly bird and mammal. Floristically rich
6.3.7	<i>Eucalyptus coolibah</i> open woodland on clay alluvial plains	Low	No concern at present	High fauna diversity. Limited occurrence in CBR (confined largely to the lower Warrego)
6.3.17	<i>Corymbia tessellaris</i> , <i>C. clarksoniana</i> , <i>Eucalyptus melanophloia</i> , <i>Angophora melanoxylon</i> in mixed woodlands with <i>Callitris glaucophylla</i> lower trees on levees of major watercourses	Low	Of Concern (heavy buffel grass infestation and loss of larger <i>Callitris</i> trees)	High fauna diversity
6.5.10	<i>Acacia aneura</i> ± <i>Eucalyptus populneus</i> ± <i>Grevillea striata</i> , <i>Acacia excelsa</i> low woodland on sand plains	Low	No concern at present	Some areas highly modified and land clearing is ongoing
6.5.13	<i>Acacia aneura</i> ± <i>Eucalyptus populneus</i> , <i>E. melanophloia</i> , <i>Brachychiton populnea</i> low woodland on undulating gravelly sandy deposits	None	No concern at present	Wide variation in mulga density with clearing/ grazing history
6.5.19	<i>Eucalyptus melanophloia</i> , <i>Acacia aneura</i> , <i>Angophora melanoxylon</i> mixed low woodlands on degraded deposits of aeolian sands east of the Warrego River. <i>Triodia</i> is typically dominant in the understorey	Low	No concern at present	Structure, shrub density and floristic composition of the association is affected by fire. High floristic and fauna diversity

A detailed map of vegetation communities occurring within the Reserve was completed in September 2004 through extensive ground-truthing of satellite imagery. This mapping identified nine broad vegetation associations (descriptions of these are provided in Appendix 2):

- A. *Riparian community* of the Warrego River along the western edge of the Reserve, dominated by river red gum, coolibah and tea-tree.
- B. *Mulga-dominated communities*, which occur in varying densities throughout the central portion of the Reserve.
- C. *Poplar box associations*, mostly forming open woodlands on alluvial plains of the Warrego River.
- D. *Mulga/poplar box communities*, predominantly on sandy red earths between gidgee and mulga-dominated communities.
- E. *Cypress pine communities*, with the greatest extent on the sandy ridge in the west of the Reserve; carbeen often co-dominant.
- F. *Spinifex communities*, occupying a large area of sandy soil in the east of the Reserve, with a diverse shrub and forb layer giving rise to spectacular spring wildflower displays.
- G. *Coolibah woodlands*, occurring either as extensive floodplains or swampy depressions in the western half of the Reserve
- H. *Gidgee swamps*, on grey cracking clay in the centre of the Reserve.
- I. *Silver-leaved ironbark and mulga community*, occupying a small section of the Reserve adjacent to the spinifex community.

Over three hundred plant species have been identified in the Reserve, including the rare and seldom-seen western flannel flower *Actinotus paddisonii* and numerous species at the western edge of their distributional limit, including belah *Casuarina cristata*, *Daviesia acicularis*, *Dampiera adpressa*, *Goodenia viridula*, coolibah apple *Angophora melanoxylon*, *Calytrix longiflora*, *Dodonaea peduncularis* and *Panicum simile*. Appendix 3 provides a list of the 317 plant species found in the Reserve to date.

2.1.3 Fauna

Although the Reserve has not been the subject of a comprehensive fauna survey, pitfall, Elliot and harp trapping has occurred while opportunistic observations of fauna in the Reserve have been made over the past two decades. These surveys and observations have recorded 155 vertebrate species, including 13 amphibians, 32 reptiles, 83 birds and 26 mammals (including five introduced species: the rabbit, feral goat, feral pig, European fox and feral cat. At times, domestic livestock also stray onto the Reserve from the adjacent Stock Route and neighbouring properties. A full list of vertebrate fauna recorded on the Reserve is provided in Appendix 4. Further surveys would increase the number of fauna species known from the Reserve.

The yakka skink *Egernia rugosa* is listed as Vulnerable to extinction under State and Federal legislation, while Major Mitchell's cockatoo *Cacatua leadbeteri* has recently

been assessed as meeting the criteria for listing as Endangered. Spinifex ecosystems are home to some of the world's richest reptile fauna, rendering this area of the Reserve a significant area for fauna conservation. Old hollow-bearing eucalypts occur throughout the Reserve, and are important nesting and refuge sites for a variety of birds and animals.

2.1.4 Scenic and intangible values

The feeling of open space and simply being in 'the bush', coupled with the variety of vegetation and, the spectacular wildflower displays during late Winter and Spring, combine to create a landscape that is rich in aesthetic values. While such values are subjective and cannot be quantified, they are nevertheless an important and attractive component of the Reserve's natural assets.

2.2. Cultural heritage

2.2.1 Aboriginal cultural heritage

The Reserve has been home to Aboriginal people for thousands of generations. Being close to a major watercourse and the boundary of numerous language groups (Bidjara, Gunggari, Kunja and Kooma), the land encompassed by the Reserve would have been an important area for Indigenous people. When Edmund Kennedy passed near the Reserve in November 1847, people were burning the spinifex (Kennedy 1847, in Beale 1983). There are stone flakes on the banks of the river and adjacent floodplain and occasionally in the gidgee and mulga communities. Many of the plants occurring on the Reserve are used as food, medicine and materials, and some have spiritual and ceremonial values (Duncan-Kemp 1934; Latz 1995; McKellar 1984).

2.2.2 European heritage

There are no buildings or other tangible European cultural heritage present on the Reserve. The history of this parcel of land demonstrates the changing uses and values of public lands in western Queensland (see Appendix 1).

2.3 Other Resources and Values

2.3.1 Scientific and research potential

The Reserve provides an area close to Charleville where ecological research can be conducted. Small mammal and reptile pitfall lines have been established at three locations in the spinifex and mulga communities, which are trapped on a semi-regular basis. Elliot trapping and incidental recordings of other fauna species are also carried out. Further survey work will uncover new species records for the Reserve.

Ten permanent photo monitoring plots were established between 2004 and 2008 to monitor the response of vegetation to destocking and changes in structure over time, and these are monitored semi-regularly. Studies on the role of fire in delineating spinifex-mulga boundaries and influencing the species composition of spinifex communities would also be valuable. The Reserve provides an accessible and diverse area for students to conduct research projects on individual species and communities.

2.3.2 Recreation, tourism and educational values

Since its opening in September 2021, the Reserve has received hundreds of visitors, and feedback at the Charleville Visitor Information Centre has been extremely positive. Furthering the commercial, recreational and educational potential of the Reserve is a priority of this management plan, as discussed below. With effective marketing and communication, tourist visitation to the Reserve has the potential to translate into longer tourist stays within the Murweh Shire, as well as providing enhanced visitor enjoyment and education. Walking tracks in the Reserve encourage physical activity, while bicycle riders have also visited the Reserve and ridden the 30 km track.

3.0 Reserve Vision

The following broad vision was formulated by members of the Advisory Committee in 2007 to guide future management of the Reserve, and remains central to this Management Plan. It was agreed that the Reserve should be:

'A professionally-presented natural area displaying the botanical diversity of the Mulga Lands, which is managed in a way that will promote conservation, education, recreation, tourism, scientific and economic benefits in our community.'

4.0 Current status of Charleville Botanical Reserve

4.1 Fencing

The Reserve fencing is stock proof, but requires ongoing patrols for breaches. In 2008, 4.2 km of fencing along the western edge of the Reserve, bordering the stock route on the Warrego River, was completed by the Charleville Cricket Club. This fence had fallen into a state of disrepair, allowing stock access to the Reserve from the stock route. The fence along the eastern boundary has fallen into disrepair and should be removed as it is currently a hazard for wildlife. The southern boundary with Wallal is functional, although could be patched up in places. The northern boundary with Magpie Lane and other smaller freehold properties is mostly comprised of new fencing and is functional.

4.2 Fire breaks and fire management

Under the *Fire and Rescue Services Act 1990*, the 'owner or occupier' (in this case, the trustee, Murweh Shire Council) is obliged to manage the risk of fire igniting on their property, as well as reducing the threat of fire spreading to neighbouring land. This entails constructing and maintaining fire breaks, and effectively dealing with accumulation of fuel in the Reserve, in accordance with sound land management practices.

Fire breaks exist around the Reserve along the existing roads. Due to the extremely low fire risk in most communities of the Reserve (excluding spinifex areas; see Hodgkinson 2002 and Silcock et al. 2016), fire breaks do not need to be wider than existing roads. The spinifex community requires implementation of planned mosaic burning, which will lower fire risk and maintain this vegetation community, as discussed below.

4.3 Tracks

4.3.1 Vehicle tracks

The main access through the Reserve is along the 30 km self-guiding drive circuit, which is recommended for 4WD vehicles. Vehicle tracks also exist around the perimeter of the Reserve and along powerlines (Figure 2). These tracks are for management access only. The track along the Stock Route allows access to and from the Reserve via the Stock Route and Quilpie-Charleville road, however this is not signed or maintained.

4.3.2 Walking Tracks

There is a 2 km circuit walk through the spinifex. A small parking space is provided adjacent to the start of the track. A 2.5 km return circuit through the gidgee woodland and adjacent mulga has been plotted and walked with Bidjara Traditional Owners, who provided cultural clearance.

4.4 Signage

The Botanical Reserve is signed from the Mitchell highway, and there is a welcome sign with information about the Reserve and a map just inside the entrance. There are seven vegetation community signs along the self-guiding drive (Figure 2), although the spinifex sign was stolen in late 2022 and needs to be replaced. There are also c.100 signs identifying individual plant species by their common and scientific names, as well as directional signage at junctions and turns.

4.5 Other infrastructure

Picnic tables have been installed at six locations around the self-guiding drive circuit. Unfortunately four of these have had panels stolen. These panels need to be replaced, as discussed below.

5.0 Management issues, objectives and actions

5.1 Broad management areas

The management plan for the Reserve can be divided into five separate but related areas:

1. Management of natural resources, including:
 - native plant communities
 - native fauna
 - feral animals
 - domestic stock intrusion and fence maintenance
 - introduced weeds
 - fire management
 - research and monitoring
2. Management of cultural heritage
3. Management and promotion of recreation and tourism, encompassing:
 - risk management and visitor safety
 - maintaining self-guiding drive, interpretative signage and visitor infrastructure
 - establishment of additional walking tracks and signage
 - managing visitor impacts on natural resources of area
 - visitor marketing
 - community engagement
4. General Reserve administration and operation, underpinned by clear delineation of responsibilities for actions

The following sections outline the management guidelines and actions for each of the areas identified in section 5.1.

5.2 Natural resource management

The broad objective is the maintenance of the current distribution, diversity and extent of the plant and animal communities. The following management actions are designed to achieve this overarching goal.

5.2.1 Objective 1: Stock exclusion

The great majority of land in the Mulga Lands is used for pastoralism with few Reserves (Figure 1). The Botanical Reserve offers a unique opportunity to conserve an area of ungrazed land within a matrix of pastoral land. Exclusion of domestic livestock has been achieved through fencing and stock removal, and will be maintained through the following management actions:

Action	Cost	Who	When
1. Maintenance of fencing through regular patrols and repairs on an as-needs basis	Low (MSC)	Botanical Reserve management committee, MSC	Patrol completed by management committee in 2022; recommended annually
2. Regular patrols and removal of stock straying onto Reserve	Low (MSC)	Owners of neighbouring properties, MSC to notify owners	Ongoing
3. Neighbour relations and communication	None	MSC, management committee	Ongoing

5.2.2 Objective 2: Feral animal management

The major feral animal species present on the Charleville Botanical Reserve are goats, cats, pigs, rabbits and foxes. Actions required to deal with feral animals in the Reserve are outlined below:

Action	Cost	Who	When
1. Regular ground baiting with 1080 needs to be undertaken in conjunction with local wild dog syndicate	MSC	MSC Ranger	Twice yearly
2. Pig trapping and baiting when numbers are high	MSC	MSC Ranger	As needed
3. Observation of goat numbers on the Reserve to determine when removal is required	MSC	MSC Ranger	Ongoing

5.2.3 Objective 3: Weed management

Of the 317 species that have been recorded on the Reserve, 10 are not native to Australia (Appendix 4). Table 3 includes those considered to be of management

concern. The introduced species *Aerva javanica*, *Citrullus colocynthis*, *Cucumis myriocarpus* and *Urochloa panicoides* also occur in the Reserve but in relatively low numbers and are not considered a priority for control. Buffel grass poses the most significant management challenge. It has replaced native species from the ground layer of a number of communities in the Reserve, particularly the cypress and poplar box areas. It can form dense swards, decreasing both faunal and floral diversity, and increasing fuel loads and therefore potential fire intensity and frequency (Butler & Fairfax 2003). Eradication is possible over small areas with intensive and sustained effort, and these resources are not currently available on the Reserve. Thus monitoring of buffel grass fuel loads and appropriate control of biomass through fire or short-duration grazing if required is recommended.

Table 3. Weeds of concern occurring recorded on Charleville Botanical Reserve

Species	Details	Management recommendations
<i>Cenchrus ciliaris</i> (buffel grass)	Forms dominant groundcover across large areas of Reserve, particularly on sand ridges and in poplar box/cypress	Very difficult to control once established in an area; monitoring and biomass reduction as required
<i>Harissa sp.</i> (Harissa cactus)	Scattered through gidgee community	Control occurrences via spraying and removal
<i>Opuntia tomentosa</i> (Velvet tree pear)	Scattered individuals in numerous vegetation types	Stem injection + manual removal of smaller individuals
<i>Parkinsonia aculeata</i>	Scattered individuals on river and floodplains; spread by floodwaters	Spraying or larger plants; manual removal of smaller plants
<i>Xanthium occidentale</i> (Noogoora burr)	Dense infestations in areas of Warrego River adjacent to Reserve; exists primarily as seeds with intermittent reproduction dependent on floods or summer storms (Martin & Carnahan 1983)	Not feasible to control; biological control appears only possible means of controlling infestations in semi-arid areas (Martin & Carnahan 1983) and has had some success in Mulga Lands
<i>Xanthium spinosum</i> (Mexican poppy)	Scattered in west of Reserve on alluvial soils	Not forming dense swards and targeted control not recommended at this time

Action	Cost	Who	When
1. Monitor buffel grass in Reserve to detect changes in biomass and discuss possible fuel reduction methods (short-duration grazing or fire) necessary	None	Botanical Reserve management committee	Ongoing
2. Remove occurrences of <i>Opuntia</i> , <i>Harissa</i> and other cacti when detected	Low	Management committee, MSC	Ongoing

3. Record new weed species or occurrences within Reserve, and control on an as-needs basis	Variable	Management committee, MSC	Ongoing
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5.2.4 Objective 4: Fire management

The fire management objectives for the Reserve are:

- To maintain the diversity of native vegetation communities
- To provide wildfire management and to prevent fires on the reserve from adversely affecting other lands
- To cooperate with adjoining landholders in the management of the Reserve
- To continue and expand research in the Reserve, in particular relating to the role of fire in the spinifex community

The major hazard area with regard to wildfire is the spinifex community in the eastern part of the Reserve. The risk associated with unplanned fires in the spinifex is compounded by its proximity to a major road. This vegetation type is adapted to fire, and in the absence of regular fire mulga will expand into neighbouring spinifex areas. Analysis of historical survey plans and aerial photographs, as well as observations made over time by ecologists at the Reserve, shows that this is happening (Fensham et al. 2011; Russell Fairfax, unpublished data).

Fire management must also be considered in the context of tourism and visitor management. Tourists are primarily concerned with visual amenity and safety, and generally have little understanding of the role of fire as a land management tool. Any fire management should be accompanied by educational information on the role of fire and prescribed burning. Table 4 summarises the recommended fire management objectives for the broad vegetation types occurring in the Reserve, based on the ecology, risk and long-term objectives.

Table 4. Broad vegetation communities and recommended fire objectives and fire regimes

Vegetation type	Objectives	Management
Spinifex community ± silver-leaf ironbark overstorey	To maintain the spinifex-mulga boundary of c.1860, when Aboriginal people burnt the spinifex regularly, and reclaim areas that have been invaded by mulga.	Planned burns conducted in mosaics
Warrego River riparian zone and coolibah floodplain	Historic fire regime (likely very occasional patchy fires after big wet years) to be maintained	No active management required
Cypress pine-	To control buffel grass to reduce fuel loads as	Periodic cool burns of

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dominated communities	required	buffel grass after wet summers
Mulga-dominated communities	To allow any fires to burn freely within the Reserve, but to ensure that they are contained within the Reserve	Planned burns where possible after wet years and maintain firebreaks
Gidgee swamp	To protect this fire-sensitive community from fire	Little active management required due to inherently low groundcover

Action	Cost	Who	When
1. Establish and maintain fire breaks around Reserve	MSC and neighbours	MSC and neighbours	February 2023 and ongoing
2. Planned burns in spinifex community, and on mulga-spinifex boundary	Low	Rural fire service, QPWS	2023, with good soil moisture, and regularly after that depending on seasonal conditions and monitoring
3. Research and monitoring of role of fire in ecosystems contained in the Reserve, particularly the spinifex community	Minimal	Management committee	Ongoing – already photo sites, opportunities for more research in future

5.2.5 Objective 5: Research and monitoring

The Reserve’s proximity to town, accessibility and variety of ecosystems make it an ideal place to conduct research and monitoring. Opportunities to pursue future research will depend largely upon establishing and maintaining links (including existing links) with Universities and other groups conducting research projects.

Action	Cost	Who	When
1. Continue photo monitoring sites	None	Jen Silcock	Ongoing
2. Conduct further fauna surveys on Reserve (may include installing new pitfall lines in other vegetation communities, Elliot trapping, spotlight transects etc)	None	QPWS, Southern Queensland Landscapes, volunteers	Incidental; as opportunities arise
3. Encourage future research projects examining ecological aspects of species or communities occurring within the Reserve	None	Jen Silcock	As opportunities arise

5.3 Cultural heritage management

5.3.1 Objective 1: Identify, protect and interpret Indigenous cultural heritage

No comprehensive survey of Indigenous cultural heritage has been undertaken in the Reserve. This should be done as soon as possible through engaging local Bidjara people. The findings from this survey will form the basis of cultural heritage management activities in the Reserve including documentation, protection and interpretation of sites. Appropriate actions, and the associated costs, will depend upon the types of sites identified and the degree of protection required.

Action	Cost	Who	When
1. Undertake Cultural Heritage survey of Reserve	\$2000 estimated	Bidjara representatives	2023
2. Implement any protective measures deemed necessary	Unknown	MSC, Management Committee	Ongoing
3. Research and install signage on Aboriginal cultural heritage, particularly plant use and names	\$2000 estimated	Jen Silcock in consultation with Aboriginal communities; graphic designer to produce an ethnobotany sign	2023

5.3.2 Objective 2: Identify, protect and interpret European heritage

The European history of the Reserve has been researched and documented through examination of Lands Department documents dating back to 1898, revealing a varied history and insights into changing attitudes to land management (Appendix 1). Some of this information is incorporated into the Reserve signs, and no further action is required.

5.4 Management and promotion of recreation and tourism

Management of recreation and tourism is vital to the Reserve’s continued operation and includes risk management and visitor safety; maintaining and improving the self-guiding drive, interpretative signage and visitor infrastructure; establishment of additional walking tracks and signage; and visitor marketing, as discussed below.

Action	Cost	Who	When
1. Ensure safety of visitors to Reserve through regular track maintenance, closure of driving track after rain and signage informing visitors of lack of mobile phone coverage in Reserve	Low but ongoing	MSC	2023 and ongoing
2. Driving track maintenance as required (likely to be a light run over with a grader every 5-10 years + regular patrols to cut trees off track and trim	Low but ongoing	MSC	2023 and ongoing

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vegetation as required)			
3. Walking track maintenance (removing fallen trees from track and shrubs growing up on track, likely to be twice-yearly)	None	Management committee	Ongoing
4. Replace panels and maintain picnic tables	TRACE GETTING QUOTE	MSC, Management committee	2023 and ongoing
5. Install shade shelters over main entrance sign + seven vegetation community signs	NEED QUOTE	MSC, Management committee	2023
6. Install additional signage at entry with No camping, Not suitable for trailers or caravans, No motorbikes and Limited mobile reception	<\$1000	MSC	2023
7. Establish two additional walking tracks and associated signage	\$2000	MSC, Management committee	2023
8. Promote Reserve to visitors through Visitor Information Centre displays and media	Low	MSC through Visitor Information Centre, ABC	Ongoing
9. Investigate possibilities for commercial tours of Reserve	??	MSC, Management committee	2023
10. Engage the Charleville community through promoting visitation and activities at the Reserve, e.g. guided tour for Charleville schools and kindy, Park Run, photography and art groups, QCWA, Healthy Aging	Low	Management committee	2023

5.5 Operational and administrative management

The Reserve requires ongoing operational and infrastructure management, as outlined above. Clear commitment from the Murweh Shire Council and regular meetings of the Management Committee are necessary to achieving this goal. We recommend that this Management Plan is reviewed in five years.

Action	Cost	Who	When
1. Apply for funding to undertake projects	Variable	Management committee, MSC	Ongoing
2. Clearly delineate responsibilities for management	None	All parties mentioned in this Plan, particularly MSC and Management	Ongoing

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		committee	
3. Representatives to meet and communicate regularly	None	Management committee, MSC	Monthly
4. Review of Management Plan	None	Management committee, MSC	2028

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6.0 Future directions and opportunities

With active and ongoing management, the Reserve will become an area of significant value to the community of the Murweh Shire. It will allow local residents and travellers to learn more about their natural and cultural environment while increasing the length of tourist stays in Charleville.

Expenditure of \$5000 is required prior to the 2023 tourist season to provide a light grade of the driving track, replace the stolen spinifex community vegetation sign and picnic table panels, and construct a gate to allow closure of the Reserve after rain.

This Management Plan outlines how this potential will be realised, by balancing the conservation of the natural and cultural resources of the area with appropriate usage. This plan should be reviewed annually to ensure its relevance.

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Appendix 1. History of Charleville Botanical Reserve

July 1889	Request from Murweh Divisional Board to Minister for Lands to have area near Charleville declared a Reserve for stock trucking purposes
July 1898	Stock Trucking Reserve of 48 square miles declared in Parish of Glamis and placed under control and management of Murweh Divisional Board
June 1909	Recommendation by Land Commissioner to curtail area of Stock Trucking Reserve by opening 20 square miles for grazing selection; supported by Crown Lands Ranger
July-December 1909	Murweh Shire Council, Railway Department, Drivers & Overlanders Association and private property managers protest against proposed curtailment of Reserve
December 1909	Report by Arthur Warde, Assessing Commissioner for Pastoral Occupation Branch, recommends that southern portion of Reserve be alienated and made available for selection as agricultural farms
January 1910	Petition to Minister for Lands from residents of Charleville and Murweh Shire Council protesting against the proposed curtailment of the Reserve
February 1910	Action to curtail Reserve suspended by Lands Department
June 1922	Lands Department announce portion 17 of the Reserve being opened for selection; Reserve area reduced to 26 884 acres
January 1932	Control of Murweh Shire Council over Reserve revoked, and land placed under control of Charleville District Improvement Board as Trustee
1938	Meekin, Ward & Matthias granted a Priority Special Lease over portions 6 and 7, comprising the southern part of the Trucking Reserve

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September 1945	Stock Trucking Reserve once again placed under control of Murweh Shire Council as Trustee
July 1948	Special Lease of Business (Dairying) Purposes granted over Portions 15 and 16 of Parish of Glamis (eastern part of Reserve)
November 1957	Portion 2 of the Reserve excised with a lease for dairying purposes
December 1960	A further special lease granted over Portion 3 of the Reserve for grazing of dairy cattle
August 1968	Special Lease for Dairying Purposes granted over Portion 4 of the Reserve, reducing the area to its current extent, comprising Portions 5 and 8 of the Parish of Glamis
April 1983	Priority Special Lease granted to Dunne's Butchery over remaining area of Trucking Reserve as a holding paddock for cattle prior to slaughtering
June 2003	Dunne's Butchery lease expires; area declared a Reserve for Environmental Purposes under Trusteeship of Murweh Shire Council

Appendix 2. Description of vegetation communities mapped in the Reserve

A. Riparian zone

The riparian zone stretches along the Warrego River on the Stock Route on the western boundary of the Reserve. The vegetation of the riparian zone is dominated by *Eucalyptus camaldulensis* (river red gum), *Eucalyptus coolibah* (coolabah) and *Melaleuca trichostachya* (river paper-bark). *Acacia stenophylla* (river cooba), *A. salicina* (sally wattle) and *Acacia farnesiana* (prickly wattle). The ground layer is grassy and dominated by *Paspalidium jubiflorum* and *Bothriochloa bladhii*. The soil is mostly brown alluvial, becoming sandy in parts of the river bank, while in other places the surface is quite rocky. Towards the southern end of the Reserve, the Ward River meets the Warrego River, creating a series of interweaving channels.

B. Mulga-dominated communities

Lying in the heart of the Mulga Lands biogeographic region, the Reserve encompasses large areas of *Acacia aneura* (mulga). The centre of the Reserve contains *Acacia aneura* of varying densities on hard red soil with mostly flat topography. *Eremophila gilesii* (Charleville turkey bush) and *E. bowmanii* (silver turkey bush) dominate much of the understorey, while in some areas grasses and *Sida* spp. comprise the major groundcover. In some areas, mulga forms a low woodland however, in the more open areas, *Eucalyptus populnea* (poplar box) is common.

Two smaller areas of mulga also occur in the eastern section of the Reserve. Both these areas comprise *A. aneura* on hard red soil, with intermittent *Triodia marginata* (spinifex) groundcover. Whilst these stands of *A. aneura* are quite dense, a number of other tree species are scattered throughout the two communities, including *Eucalyptus melanophloia* (silver-leafed ironbark), *E. populnea*, *Brachychiton populneus* (kurrajong) and *Angophora melanoxylon* (coolabah apple).

C. Poplar box communities

A number of vegetation communities dominated by *Eucalyptus populnea* were identified within the Reserve. The largest of these communities is a mostly open poplar box plain on slight rises on the Warrego floodplain, which spans a large area in the western section of the Reserve. *Acacia excelsa* (ironwood), *Corymbia tessellaris* (carbeen), *Eucalyptus coolabah* and *Eremophila mitchellii* (false sandalwood) are also common within this community, while a variety of grass species dominate the groundcover. *Themeda australis* (kangaroo grass) and *Cenchrus ciliaris* (buffel grass) are most common, with *Sclerolaena birchii* (galvanised burr) also abundant.

A mixed box woodland with some *Acacia excelsa*, *Grevillea striata* (beefwood), *Callitris glaucophylla* (white cypress pine) and *Eremophila mitchellii* occurs in the north of the Reserve on hard brown soil. *Cenchrus ciliaris* forms the dominant groundcover. Both these communities are interspersed with denser patches of *C. glaucophylla*. Smaller poplar box-dominated areas occur scattered throughout the Reserve, typically in lower-lying areas within mulga communities where the soil is more clayey and subject to periodic waterlogging.

D. Mulga/poplar box communities

Lying in the centre of the Reserve between the two major *Acacia cambagei* (gidgee) areas is a community in which *Acacia aneura* and *Eucalyptus populnea* are codominant. This community occurs mainly on hard red soils, with small swampy areas on grey clay interspersed. *Geijera parviflora* (wilga) and *Eremophila mitchellii* are common shrubs, with *Senna artemisioides*, *E. gilesii* and *E. bowmanii* abundant in places. Groundcover is predominantly comprised of grass and *Sida* species. This *A. aneura* and *E. populnea* community also encompasses a sandy ridge, which runs along the western edge of the gidgee swamp, and supports diverse tree species including *Geijera parviflora*, *Hakea ivoryi*, *Grevillea striata* and *Ventilago viminalis*.

A small patch of *A. aneura* and *E. populnea* occurs on the northern boundary of the Reserve, amongst a denser *A. aneura* community. Within this patch, *Eremophila gilesii* and *E. bowmanii* dominate the understorey, with some *Sida* species and a variety of grass species.

F. Cypress pine communities

Vegetation communities dominated by *Callitris glaucophylla* occur in the western portion of the Reserve. The largest of these communities occurs mostly on hard brown soil, interspersed with some sandy ridges. *Corymbia tessellaris* is codominant throughout much of this area, while *Acacia excelsa* and *Eucalyptus populnea* are also common. Groundcover is dominated by *Cenchrus ciliaris* and *Themeda australis*, with some *Aristida* sp. and *Sclerolaena birchii*.

A number of sandy ridges run through the western half of the Reserve. While *Callitris glaucophylla* often tends to dominate these areas, these ridges support a high floristic diversity, with tree and shrub species including *Corymbia clarksoniana*, *C. tessellaris*, *Acacia excelsa*, *Santalum lanceolatum* and *Geijera parviflora*. Moreover, a number of tree species found on such ridges occur in few other communities within the Reserve. Such localised species include *Petalostigma pubescens* (native quince), *Ventilago viminalis* (vine tree), *Alstonia constricta* (quinine tree) and *Alphitonia excelsa* (soapbush).

These ridges are generally characterised by intermittent grassy groundcover, with scattered *Sclerolaena birchii* and *Ptilotus* species. Other *C. glaucophylla* communities within the Reserve occur as small, relatively dense patches amongst more open *Eucalyptus populnea* and *Triodia marginata* communities. These patches generally occur on hard red-brown soil, and are characterised by a sparse shrub layer and groundcover.

G. Spinifex associations

Triodia marginata communities dominate the eastern section of the Reserve. These communities can be divided into two major types on the basis of overstorey species composition and community structure. A large proportion of this area is comprised of *T. marginata* on sandy red soil, with a relatively open overstorey dominated by *Eucalyptus melanophloia*. *Angophora melanoxylon*, *Brachychiton populneus* and *Acacia aneura* are also common, with scattered *Callitris glaucophylla*, *Eucalyptus populnea* and *Acacia excelsa*.

The open *T. marginata* community supports a diversity of shrub species, including *Calytrix longifolia* (desert fringe myrtle), *Grevillea juncifolia* (desert spider flower), *Acacia maitlandii* (spiky wattle), *Senna artemisioides* and *Dodonea peduncularis* (stalked hop-bush). The ground layer of the open *T. marginata* community is also highly diverse, with *Dicrastylis lewellini* (purple sand sage), *Velleia connata* (cup velleia), *Thysanotus tuberosus* (common fringe lily), *Brunonia australis* (blue pin-cushion), *Solanum* sp. (wild tomato) and *Jacksonia turnerana* all common in the area. This diversity of shrubs and forbs gives rise to spectacular wildflower displays in these communities during Spring.

Spinifex areas also occur in association with *Acacia aneura* on harder red soil. *Eucalyptus melanophloia*, *Brachychiton populnea*, *Angophora melanoxylon* and *Eucalyptus populnea* are also present in some areas, while other patches are comprised of dense mulga. In places where a shrub layer is present, *Eremophila* species dominate. In general, mulga/spinifex communities are not as diverse as more open *T. marginata* communities, and the *T. marginata* groundcover tends to be intermittent, rather than consistent over the whole area.

H. Coolabah woodlands

Two major *Eucalyptus coolabah* communities occur in the Reserve. An open *E. coolabah* floodplain borders the riparian zone along the Warrego River in the west of the Reserve, sloping towards the river. Soils range from hard brown and grey to loose, cracking clays. This community encompasses a large patch of *Acacia victoriae* (gundabluey), with other tree and shrub species generally occurring only as scattered

patches and individuals. Groundcover is generally sparse, with some *Sclerolaena birchii* and intermittent grass species. Further back from the Warrego River lies an *E. coolibah* dominated community, consisting of an open *E. coolibah* plain with some low-lying, swampy areas. Within this community, shrub and ground layers are generally sparse and soils range from loose brown to hard grey clays. *E. populnea* is also a common tree within this area.

I. Gidgee Swamp Areas

A large *Acacia cambagei* swamp occurs in the middle of the Reserve on deeply cracked grey-brown clay, with some patches of fine, white sand. The soil surface is often stony within the swamp. This community is characterised by large gilgais, which fill with water after rain. The gidgee swamp is fringed by *Acacia aneura* and *Eucalyptus populnea* on hard red soil. Groundcover is generally sparse, while *Apophyllum anomalum*, *Eremophila mitchellii*, *Geijera parviflora* and *Santalum lanceolatum* are common in the shrub layer.

A smaller area of *A. cambagei* occurs directly to the south of the main swamp, separated by a mulga/poplar box community. This smaller area is similar to the larger swamp, but with *Senna artemisioides* abundant in the shrub layer. Isolated small patches of *A. cambagei* also occur throughout the mulga/poplar box community in slight drainage depressions on clayey soils.

J. Silver-leafed Ironbark and Mulga Community

A small area of the Reserve is comprised of an *Acacia aneura* and *Eucalyptus melanophloia* association on hard red soil, with a number of open areas interspersed throughout this community. *Angophora melanoxylon* and *Acacia excelsa* are also common, with *Eremophila gilesii* dominating the shrub layer. Groundcover is dominated by various grass species, with some *Dicrastyliis lewellini*.

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Appendix 3. Vascular Plant Species List, Charleville Botanical Reserve

Species	Common name	Aboriginal name/s
PTERIDIOPHYTA		
Marsileaceae		
<i>Marsilea drummondii</i>	Nardoo	
Sinopteridaceae		
<i>Cheilanthes sieberi</i>	Mulga fern	
GYMNOSPERMAE		
Cupressaceae		
<i>Callitris glaucophylla</i>	Cypress pine	Bandyara (Kunja, Mardgany)
ANGIOSPERMAE		
Acanthaceae		
<i>Brunoniella australis</i>	Blue trumpet	
Aizoaceae		
<i>Tetragonia tetragonioides</i>	Native spinach	Bogil-a-ri (Mithaka), Galangalaan (Gamilaroi)
<i>Trianthema triquetra</i>	Red spinach	
<i>Zaleya galericulata</i>	Hogweed	
Amaranthaceae		
<i>Achyranthes aspera</i>	Chaff flower	
<i>Aerva javanica*</i>	Kapok bush	
<i>Alternanthera denticulata</i>	Joyweed	
<i>Alternanthera micrantha</i>	Joyweed	
<i>Ptilotus obovatus</i>	Silver mulla-mulla	
<i>Ptilotus macrocephalus</i>	Square-headed foxtail	
<i>Ptilotus modestus</i>		
<i>Ptilotus leucocoma</i>	Small purple foxtail	
<i>Ptilotus polystachyus</i>	Longtails	
Amaryllidaceae		
<i>Crinum flaccidum</i>	Darling lily	Dhaygalbarrayn (Euahlayi/Gamilaroi)
Apiaceae		
<i>Daucus glochidiatus</i>	Wild carrot	
<i>Trachymene ochracea</i>	Wild parnsip	
Apocynaceae		
<i>Alstonia constricta</i>	Quinine	
<i>Parsonia eucalyptophylla</i>	Gargaloo	

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Asclepidiaceae		
<i>Vincetoxicum lineare</i>	Climbing purple-star	
Asphodelaceae		
<i>Bulbine alata</i>	Bush onion	
<i>Bulbine bulbosa</i>	Native leek	
Asteraceae		
<i>Actinobole uliginosum</i>	Flannel cudweed	
<i>Actinotus paddisonii</i>	Flannel flower	
<i>Brachyscome chrysoglossa</i>		
<i>Brachyscome ciliaris</i>	Variable daisy	
<i>Brachyscome dentata</i>		
<i>Brachyscome whitei</i> subsp. <i>lophoptera</i>		
<i>Cassinia laevis</i>	Cough bush	
<i>Calotis cuneifolia</i>	Purple burr-daisy	
<i>Calotis erinacea</i>		
<i>Calotis hispidula</i>	Bogan flea	
<i>Calotis lappulacea</i>	Yellow burr-daisy	
<i>Calotis plumulifera</i>		
<i>Calotis porphryoglossa</i>		
<i>Centipeda minima</i>	Sneezeweed	
<i>Centipeda thespedioides</i>	Desert sneezeweed	
<i>Chrysocephalum apiculatum</i>		
<i>Cyathium cinereum</i>		
<i>Euchiton sphaericus</i>		
<i>Glossocardia bidens</i>		
<i>Isoetopsis graminifolia</i>	Grass cushions	
<i>Millotia greevesii</i>		
<i>Minuria integerrima</i>	Smooth minuria	
<i>Minuria leptophylla</i>		
<i>Podolepis longipedata</i>		
<i>Pterocaulon sphacelatum</i>	Fruit-salad plant	
<i>Rhodanthe floribunda</i>		
<i>Rhodanthe moschata</i>	Musk daisy	
<i>Rhodanthe stricta</i>	Slender sunray	
<i>Sigesbeckia orientalis</i>		
<i>Streptoglossa adscendens</i>	Desert daisy	
<i>Verbisina encelioides</i> *	Crownbeard	
<i>Vittadinia cuneata</i>		
<i>Vittadinia pustulata</i>		
<i>Vittadinia sulcata</i>		
<i>Xanthium occidentale</i> *	Noogoora burr	
<i>Xanthium spinosum</i> *	Mexican poppy	

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Boraginaceae		
<i>Cynoglossum australe</i>	Chaff flower	
<i>Heliotropium sp.</i>		
Brassicaceae		
<i>Harmsiodoxa lennodioides</i>		
<i>Lepidium sp.</i>		
Brunoniaceae		
<i>Brunonia australis</i>	Cornflower	
Cactaceae		
<i>Harissa sp.*</i>	Harissa cactus	
<i>Opuntia tomentosa*</i>	Velvet tree pear	
Caesalpiniaceae		
<i>Parkinsonia aculeata*</i>	Parkinsonia	
<i>Senna artemisioides</i>	Cassia	
<i>Senna phyllodinea</i>	Woody cassia	
<i>Senna pleurocarpa</i>	Firebush	
Campanulaceae		
<i>Wahlenbergia communis</i>	Bluebells	
<i>Wahlenbergia graniticola</i>	Bluebells	
<i>Wahlenergia tumidifruca</i>	Bluebells	
Capparaceae		
<i>Capparis lasiantha</i>	Nipan	Guwiibirr (Euahlayi/Gamilaroi)
<i>Capparis mitchelli</i>	Wild orange	Dangil (Bidjara), Dhungil, Bunabil (Mardgany)
Carophyllaceae		
<i>Gypsophila australis</i>		
Casuarinaeae		
<i>Casuarina cristata</i>	Belah	
Celastraceae		
<i>Denhamia cunninghamii</i>	Yellow berry bush	
<i>Denhamia oleaster</i>		
Chenopodiaceae		
<i>Atriplex eardleyae</i>	Small saltbush	
<i>Atriplex muelleri</i>	Annual saltbush	

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<i>Atriplex spongiosa</i>	Pop saltbush	
<i>Chenopodium auricomum</i>	Qld bluebush	
<i>Chenopodium cristatum</i>	Crested goosefoot	
<i>Chenopodium desertorum</i>		
<i>Chenopodium melanocarpum</i>	Black crumbweed	
<i>Dysphania glomulifera</i>		
<i>Dysphania rhadinostachya</i>	Green crumbweed	
<i>Einadia nutans var. nutans</i>	Climbing saltbush	
<i>Enchylaena tomentosa</i>	Ruby saltbush	
<i>Maireana aphylla</i>	Leafless bluebush	
<i>Maireana coronate</i>	Crown fissure-weed	
<i>Maireana villosa</i>	Silky bluebush	
<i>Neobassia proceriflora</i>	Soda bush	
<i>Salsola kali</i>	Buckbush	
<i>Sclerolaena anisacanthoides</i>	Yellow copperburr	Mukara (Kunja, Mardgany)
<i>Sclerolaena birchii</i>	Galvanised burr	Mukara (Kunja, Mardgany)
<i>Sclerolaena calcarata</i>	Red burr	Mukara (Kunja, Mardgany)
<i>Sclerolaena convexula</i>	Tall copperburr	Mukara (Kunja, Mardgany)
<i>Sclerolaena diacantha</i>	Grey copperburr	Mukara (Kunja, Mardgany)
<i>Sclerolaena glabra</i>	Smooth copperburr	Mukara (Kunja, Mardgany)
<i>Sclerolaena lanicuspis</i>	Woolly copperburr	Mukara (Kunja, Mardgany)
<i>Sclerolaena muricata</i>	Black roly poly	Mukara (Kunja, Mardgany)
<i>Sclerolaena stelligera</i>	Star copperburr	
Chloanthaceae		
<i>Dicrastyli lewellini</i>	Purple sand sage	
<i>Spartothamnella puberula</i>	Red-berried stick plant	
Clusiaceae		
<i>Hypericum gramineum</i>	St John's wart	
Convolvulaceae		
<i>Bonamia media</i>		
<i>Convolvulus clementii</i>	Desert bindweed	
<i>Evolvulus alsinoides</i>	Silky bindweed	
<i>Ipomoea polymorpha</i>	Silky cowvine	
Crassulaceae		
<i>Crassula tetramera</i>		
Curcubitaceae		
<i>Citrullus colocynthis*</i>	Bitter melon	
<i>Cucumis myriocarpus*</i>	Prickly paddymelon	
Cyperaceae		

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<i>Cyperus bifax</i>	Downs nutgrass	
<i>Cyperus concinnus</i>		
<i>Cyperus difformis</i>	Dirty dora	
<i>Cyperus exaltatus</i>		
<i>Elocharis pallens</i>	Pale spike-rush	
<i>Fimbristylis dichotoma</i>	Eight-minute grass	
Euphorbiaceae		
<i>Euphorbia drummondii</i>	Caustic weed	
<i>Euphorbia tannensis</i>	Desert spurge	
<i>Petalostigma pubescens</i>	Quinine bush	
Fabaceae		
<i>Acacia aneura</i>	Mulga	Malga (Euahlayi/Gamilaroi), Mulka, malka (Dieri, Wangkangurru)
<i>Acacia cambagei</i>	Gidgee	Gidjirr (Euahlayi/Gamilaroi)
<i>Acacia deanei</i>		
<i>Acacia excelsa</i>	Ironwood	Dhyluny (Kunja, Mardgany)
<i>Acacia farnesiana</i>	Mimosa	
<i>Acacia maitlandii</i>	Prickly wattle	
<i>Acacia murrayana</i>	Sandhill wattle	Ngarra-ulla (Wangkangurru)
<i>Acacia oswaldii</i>	Miljee	Yarrie (Mithaka), Midjirr (Euahlayi/Gamilaroi)
<i>Acacia salicina</i>	Sally wattle	Wargi (Mithaka), Dhulan (Euahlayi/Gamilaroi)
<i>Acacia stenophylla</i>	River cooba	Margu (Mithaka), Gurrulay (Euahlayi/Gamilaroi)
<i>Acacia victoriae</i>	Gundabluey, elegant wattle	Nidgjena (Mithaka), Ngaduwi (Euahlayi/Gamilaroi)
<i>Aeschynomone indica</i>	Budda pea	
<i>Crotalaria dissitiflora</i>	Plains rattlepod	
<i>Crotalaria smithiana</i>		
<i>Cullen cinereum</i>	Annual verbine	
<i>Glycine canescens</i>	Silky glycine	
<i>Daviesia acicularis</i>		
<i>Desmodium varians</i>		
<i>Indigofera hirsuta</i>		
<i>Indigofera linifolia</i>		
<i>Jacksonia rhadinoclona</i>		
<i>Lotus cruentus</i>	Red-flowered trefoil	
<i>Muelleranthus stipularis</i>	Sand pea	
<i>Neptunia gracilis</i>	Native sensitive plant	
<i>Rhynchosia minima</i>	Rhycho	
<i>Sesbania canabina</i>	Yellow pea-bush, sesbania	
<i>Swainsona galegifolia</i>		

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<i>Swainsona microphylla</i>		
<i>Zornia muriculata</i> subsp. <i>angusta</i>		
Geraniaceae		
<i>Erodium crinatum</i>	Blue crowsfoot	
Goodeniaceae		
<i>Dampiera adpressa</i>		
<i>Goodenia cycloptera</i>		
<i>Goodenia disperma</i>		
<i>Goodenia fascicularis</i>	Silky goodenia	
<i>Goodenia viridula</i>		
<i>Scaevola depauperata</i>		
<i>Scaevola parvibarbata</i>		
<i>Velleia connata</i>	Smooth cup-flower	
<i>Velleia glabrata</i>	Pee-the-bed	
Gyrostemonaceae		
<i>Codonocarpus cotinifolius</i>	Desert poplar	
Haloragaceae		
<i>Haloragis glauca</i>		
<i>Haloragis odontocarpa</i>	Mulga nettle	
Johnsoniaceae		
<i>Dianella porracea</i>		
Lamiaceae		
<i>Basilicum polystachyum</i>	Musk basil	
<i>Prostanthera suborbicularis</i>	Jockey's cap	
<i>Teucrium racemosum</i>	Grey germander	
Liliaceae		
<i>Thysanotus tuberosus</i>	Purple fringe-lily	
Loranthaceae		
<i>Amyema mirabilosa</i>	Mistletoe	
Malvaceae		
<i>Abutilon malvifolium</i>	Mallow-leaf lantern-flower	
<i>Abutilon otocarpum</i>	Desert Chinese-lantern	
<i>Abutilon oxycarpum</i>	Straggly lantern-bush	
<i>Hibiscus brachysiphonius</i>	Low hibiscus	

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<i>Hibiscus krichcauffianus</i>	Velvet-leaf hibiscus	
<i>Malvastrum americanum</i>	Malvastrum	
<i>Sida argillacea</i>		
<i>Sida brachypoda</i>		
<i>Sida cunninghamii</i>		
<i>Sida fibulifera</i>	Pin sida	
<i>Sida filiformis</i>		
<i>Sida intricata</i>		
<i>Sida platycalyx</i>	Lifesaver burr	
<i>Sida trichopoda</i>	Tall sida	
Meliaceae		
<i>Owenia acidula</i>	Emu apple	
Molluginaceae		
<i>Glinus lotoides</i>	Hairy carpet-weed	
Myrtaceae		
<i>Angophora melanoxydon</i>	Coolabah apple	
<i>Calytrix longiflora</i>	Desert star myrtle	
<i>Eucalyptus camaldulensis</i>	River red gum	Dangun (Bidjara)
<i>Eucalyptus clarksoniana</i>	Long-fruited bloodwood	
<i>Eucalyptus coolibah</i>	Coolabah	Bagura (Bidjara)
<i>Eucalyptus melanophloia</i>	Silver-leaf ironbark	Gumbara, Gumburra (Bidjara, Gungarri)
<i>Eucalyptus populnea</i>	Poplar box, bimbil box	Malar (Bidjara, Gungarri)
<i>Eucalyptus tessellaris</i>	Carbeen	Dangun (Bidjara)
<i>Melaleuca trichostachya</i>	River tea-tree	Wiridyela (Kunja, Mardgany)
<i>Thryptomene parviflora</i>		
Nyctaginaceae		
<i>Boerhavia coccinea</i>	Tar vine	Witooka (Mithaka), Wudhugaa (Euahlayi/Gamilaroi)
<i>Boerhavia repleta</i>	Tar vine	Witooka (Mithaka), Wudhugaa (Euahlayi/Gamilaroi)
<i>Nicotiana velutina</i>	Velvet tobacco	
Oleaceae		
<i>Jasminum didymum subsp. lineare</i>		
Oxalidaceae		
<i>Oxalis radicata</i>	Wood-sorrel	
Phyllanthaceae		

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<i>Phyllanthus fuernrohrii</i>	Sand spurge	
<i>Phyllanthus maderaspatensis</i>	Spurge	
<i>Phyllanthus virgatus</i>		
<i>Poranthera microphylla</i>		
Poaceae		
<i>Amphipogon caricinus</i>	Greybeard grass	
<i>Aristida anthoxanthoides</i>	Brush wiregrass	
<i>Aristida calycina</i>	Dark wiregrass	
<i>Aristida caput-medusae</i>	Many-headed wiregrass	
<i>Aristida contorta</i>	Kerosene grass	
<i>Aristida holathera</i> var. <i>holathera</i>	Tall kerosene grass	
<i>Aristida jerichoensis</i> var. <i>subspinulifera</i>	No.9 wiregrass	
<i>Astrebla elymoides</i>	Hoop Mitchell	
<i>Astrebla pectinata</i>	Barley Mitchell grass	
<i>Astrebla squarrosa</i>	Bull Mitchell	
<i>Bothriochloa bladhii</i>	Forest bluegrass	
<i>Bothriochloa decipiens</i>	Pitted bluegrass	
<i>Bothriochloa ewartiana</i>	Desert bluegrass	
<i>Brachyachne convergens</i>	Native couch	
<i>Cenchrus ciliaris</i> *	Buffel grass	
<i>Chloris pectinata</i>	Comb chloris	
<i>Chloris ventricosa</i>	Tall chloris	
<i>Chyrsopogon fallax</i>	Golden beard grass	
<i>Cymbopogon obtectus</i>	Silky heads	
<i>Dichanthium sericeum</i>	Queensland bluegrass	
<i>Digitaria ammophila</i>	Silky umbrella grass	
<i>Digitaria brownii</i>	Cotton panic	
<i>Digitaria diminuta</i>		
<i>Digitaria hystrichoides</i>		
<i>Digitaria leucostachya</i>		
<i>Diplachne fusca</i>	Brown beetlegrass	
<i>Elytrophorus spicatus</i>	Spike grass	
<i>Enneapogon polyphyllus</i>	Limestone bottlewashers	
<i>Enneapogon robustissimus</i>	Robust bottlewashers	
<i>Enteropogon acicularis</i>	Curly windmill grass	
<i>Eragrostis eriopoda</i>	Woollybutt	
<i>Eragrostis lacunaria</i>	Purple lovegrass	
<i>Eragrostis leptocarpa</i>	Drooping lovegrass	
<i>Eragrostis microcarpa</i>	Dainty lovegrass	
<i>Eragrostis parviflora</i>	Weeping lovegrass	
<i>Eragrostis setifolia</i>	Neverfail	
<i>Eragrostis sororia</i>	Woodland lovegrass	

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<i>Eragrostis tenellula</i>	Delicate lovegrass	
<i>Eriachne aristidea</i>	Three-awned wanderrie	
<i>Eriachne helmsii</i>	Buck wanderrie	
<i>Eriachne mucronata</i>		
<i>Eriachne pulchella</i>	Pretty wanderrie grass	
<i>Eriochloa pseudoacrotricha</i>	Cup grass	
<i>Eulalia aurea</i>	Silky browntop	
<i>Heteropogon contorta</i>	Black speargrass	
<i>Iseilema membranaceum</i>	Flinders grass	
<i>Monochather paradoxa</i>	Mulga oats	
<i>Oxychloris scariosa</i>	Winged chloris	
<i>Panicum decompositum</i>	Native millet	
<i>Panicum effusum</i>	Hairy panic	
<i>Panicum laevinode</i>	Pepper grass	
<i>Panicum simile</i>	Two-coloured panic	
<i>Paspalidium constrictum</i>	Box grass	
<i>Paspalidium jubiflorum</i>	Warrego grass	
<i>Paspalidium rarum</i>		
<i>Perotis rara</i>	Comet grass	
<i>Schizachyrium fragile</i>	Firegrass	
<i>Setaria surgens</i>		
<i>Sporobolus actinocladius</i>	Ray grass, katoora	
<i>Sporobolus caroli</i>	Fairy grass	
<i>Sporobolus coramandelianus</i>		
<i>Sporobolus mitchellii</i>	Rats tail couch	
<i>Themeda avenacea</i>	Tall oats grass	
<i>Themeda triandra</i>	Kangaroo grass	
<i>Thyridolepis mitchelliana</i>	Mulga mitchell	
<i>Tragus australiense</i>	Small burrgrass	
<i>Triodia marginata</i>	Soft spinifex	
<i>Tripogon loliiformis</i>	Five minute grass	
<i>Urochloa panicoides*</i>		
<i>Walwhalleya subxerophilum</i>		
Polygalaceae		
<i>Polygala japonica</i>		
Polygonaceae		
<i>Duma florulenta</i>	Lignum	
<i>Rumex hypogaeus</i>	Spiny emex	
Portulacaceae		
<i>Calandrinia baleonensis</i>	Parakeelya	
<i>Calandrinia ptychosperma</i>	Creeping parakeelya	
<i>Calandrinia pumilio</i>		

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<i>Portulaca pilosa</i>	Hairy pigweed	Yiil (Euahlayi/Gamilaroi)
<i>Portulaca oleracea</i>	Common pigweed	Kooni (Mithaka), Munyeroo (Dieri), Ganhau (Euahlayi/Gamilaroi)
Proteaceae		
<i>Grevillea juncifolia</i>	Honeysuckle grevillea	
<i>Grevillea striata</i>	Beefwood	Kanti palku (Wangkangurru), Marbuu (Euahlayi/Gamilaroi)
<i>Hakea ivoryi</i>	Corkwood	
Rhamnaceae		
<i>Alphitonia excelsa</i>	Soapbush	
<i>Ventilago viminalis</i>	Supplejack, vinetree	Wirrila (Kunja, Mardgany)
Rubiaceae		
<i>Psyrax oleifolium</i>	Wild lemon	
<i>Synaptantha tillacea</i>		
Rutaceae		
<i>Geijera parviflora</i>	Wilga	Wirdila (Kunja), Dhardi (Mardgany)
Santalaceae		
<i>Exocarpos sparteus</i>		
<i>Santalum lanceolatum</i>	Sandalwood	Dhula (Kunja), Bangani (Mardgany)
Sapindaceae		
<i>Alectryon oleifolium</i>	Rosewood, boonaree	
<i>Dodonaea boroniifolia</i>	Ferny-leaf hopbush	
<i>Dodonaea penduncularis</i>	Stalked hopbush	
Scrophulariaceae		
<i>Eremophila bignoniiflora</i>	Creek wilga, eurah	Wirrbil (Kunja, Mardgany)
<i>Eremophila bowmanii</i>	Purple turkey-bush	
<i>Eremophila deserti</i>	Ellangowan poison bush	
<i>Eremophila gilesii</i>	Charleville turkey-bush	
<i>Eremophila glabra</i>	Tar bush	
<i>Eremophila longifolia</i>	Emu bush	
<i>Eremophila mitchellii</i>	False sandalwood	
<i>Eremophila polyclada</i>	Flowering lignum	
<i>Myoporum acuminatum</i>	Water bush	Moon-yoo-in (Mooraberrie); Gii, Buubiyala (Euahlayi/Gamilaroi)
<i>Stemodia glabella</i>	Smooth blue-rod	
Solanaceae		
<i>Solanum ellipticum</i>	Velvet potato bush	

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<i>Solanum esuriale</i>	Bush tomato	Jilleroo (Mithaka), Bookabooda (Dieri), Buluuburr (Euahlayi/Gamilaroi)
<i>Solanum ferocissimum</i>	Spiny potato bush	
Sterculiaceae		
<i>Brachychiton populneus</i>	Kurrajong	Buthalangi (Gungarri)
<i>Hannafordia bissillii</i>	Grey felt-bush	
<i>Keraudrenia collina</i>		
<i>Melhania oblongifolia</i>	Velvet hibiscus	
Thymeleaceae		
<i>Pimelea trichostachya</i>		
Xanthorrhoeaceae		
<i>Lomandra sp.</i>	Mat-rush	
Zygophyllaceae		
<i>Tribulus terrestris</i>	Cat-head	

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Appendix 4. Fauna Species List, Charleville Botanical Reserve

Common Name	Scientific name	Observer
BIRDS (83)		
Apostlebird	<i>Struthidea cinerea</i>	Steve Peck
Australian Magpie	<i>Gymnorhina tibicen</i>	Steve Peck
Australian Owlet-nightjar	<i>Aegotheles cristatus</i>	Steve Peck
Australian Raven	<i>Corvus coronoides</i>	Steve Peck
Australian ring-neck	<i>Barnardius zonarius</i>	Jen Silcock
Azure Kingfisher	<i>Ceyx azureus</i>	Peter McRae
Black Kite	<i>Milvus migrans</i>	Steve Peck
Black-breasted Buzzard	<i>Hamirostra melanosternon</i>	Steve Peck
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	Steve Peck
Black-shouldered kite	<i>Elanus axillaris</i>	Jen Silcock
Blue-faced Honeyeater	<i>Entomyzon cyanotis</i>	Steve Peck
Brolga	<i>Antigone rubicunda</i>	Jen Silcock
Brown Falcon	<i>Falco berigora</i>	Steve Peck
Brown Goshawk	<i>Accipiter fasciatus</i>	Peter McRae
Brown Quail	<i>Coturnix ypsilophora</i>	Jen Silcock
Brown Treecreeper	<i>Climacteris picumnus</i>	Steve Peck
Budgerigar	<i>Melopsittacus undulatus</i>	Jen Silcock
Channel-billed Cuckoo	<i>Scythrops novaehollandiae</i>	Steve Peck
Chestnut-crowned Babbler	<i>Pomatostomus ruficeps</i>	Peter McRae
Chestnut-rumped thornbill	<i>Acanthiza uropygialis</i>	Peter McRae
Cockatiel	<i>Nymphicus hollandicus</i>	Steve Peck
Common Bronzewing	<i>Phaps chalcoptera</i>	Steve Peck
Crested Bellbird	<i>Oreica gutturalis</i>	Jen Silcock
Crested Pigeon	<i>Ocyphaps lophotes</i>	Steve Peck
Dollarbird	<i>Eurystomus orientalis</i>	Jen Silcock
Dusky woodswallow	<i>Artamus cyanopterus</i>	Chris Crafter (Croxdale)
Emu	<i>Dromaius novaehollandiae</i>	Steve Peck
Galah	<i>Cacatua roseicapilla</i>	Steve Peck
Grey Butcherbird	<i>Cracticus torquatus</i>	Steve Peck
Grey Fantail	<i>Rhipidura fuliginosa</i>	Steve Peck
Grey shrike-thrush	<i>Colluricincla harmonica</i>	Jen Silcock
Grey-crowned Babbler	<i>Pomatostomus temporalis</i>	Steve Peck
Hall's babbler	<i>Pomatostomus halli</i>	Peter McRae
Hooded Robin	<i>Melanodryas cucullata</i>	Steve Peck
Jacky Winter	<i>Microeca fascinans</i>	Steve Peck
Laughing Kookaburra	<i>Dacelo novaeguineae</i>	Steve Peck
Little Corella	<i>Cacatua sanguinea</i>	Steve Peck
Little Crow	<i>Corvus bennetti</i>	Steve Peck
Little Eagle	<i>Hieraetus morphnoides</i>	Peter McRae

Charleville Botanical Reserve

Management Plan, January 2023

Little Friarbird	<i>Philemon citreogularis</i>	Steve Peck
Magpie-lark	<i>Grallina cyanoleuca</i>	Steve Peck
Major Mitchell's Cockatoo	<i>Cacatua leadbeateri</i>	Steve Peck
Masked Woodswallow	<i>Artamus personatus</i>	Steve Peck
Mistletoe bird	<i>Dicaeum hirundinaceum</i>	Jen Silcock
Mulga Parrot	<i>Psephotus varius</i>	Steve Peck
Nankeen kestrel	<i>Falco cenchroides</i>	Jen Silcock
Noisy Friarbird	<i>Philemon corniculatus</i>	Steve Peck
Pale-headed rosella	<i>Platycercus adscitus</i>	Jen Silcock
Peaceful dove	<i>Geopelia placida</i>	Jen Silcock
Pied Butcherbird	<i>Cracticus nigrogularis</i>	Steve Peck
Pied Currawong	<i>Strepera graculina</i>	Steve Peck
Rainbow Bee-eater	<i>Merops ornatus</i>	Steve Peck
Rainbow Lorikeet	<i>Trichoglossus moluccanus</i>	Peter McRae
Red-backed Kingfisher	<i>Todiramphus pyrrhopygius</i>	Peter McRae
Red-capped Robin	<i>Petroica goodenovii</i>	Steve Peck
Red-rumped Parrot	<i>Psephotus haematonotus</i>	Steve Peck
Red-winged Parrot	<i>Aprosmictus erythropterus</i>	Steve Peck
Restless flycatcher	<i>Myiagra inquieta</i>	Peter McRae
Rufous Whistler	<i>Pachycephala rufiventris</i>	Steve Peck
Sacred Kingfisher	<i>Todiramphus sanctus</i>	Steve Peck
Spiny-cheeked Honeyeater	<i>Acanthagenys rufogularis</i>	Steve Peck
Splendid Fairy-wren	<i>Malurus splendens</i>	Steve Peck
Spotted Bowerbird	<i>Chlamydera maculata</i>	Steve Peck
Striated Pardalote	<i>Pardalotus striatus</i>	Steve Peck
Striped Honeyeater	<i>Plectorhyncha lanceolata</i>	Steve Peck
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	Steve Peck
Tawny Frogmouth	<i>Podargus strigoides</i>	Steve Peck
Torresian Crow	<i>Corvus orru</i>	Steve Peck
Variigated Fairy-wren	<i>Malurus lamberti</i>	Steve Peck
Wedge-tailed Eagle	<i>Aquila audax</i>	Steve Peck
Welcome Swallow	<i>Hirundo neoxena</i>	Steve Peck
Whistling Kite	<i>Haliastur sphenurus</i>	Steve Peck
White-breasted Woodswallow	<i>Artamus leucorhynchus</i>	Steve Peck
White-browed Woodswallow	<i>Artamus superciliosus</i>	Steve Peck
White-faced Heron	<i>Egretta novaehollandiae</i>	Steve Peck
White-plumed Honeyeater	<i>Lichenostomus penicillatus</i>	Steve Peck
White-throated gerygone	<i>Gerygone olivacea</i>	Jen Silcock
White-winged Chough	<i>Corcorax melanorhamphos</i>	Steve Peck
White-winged Fairy-wren	<i>Malurus leucopterus</i>	Steve Peck
White-winged Triller	<i>Lalage sueurii</i>	Steve Peck
Willy Wagtail	<i>Rhipidura leucophrys</i>	Steve Peck

Charleville Botanical Reserve

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Yellow-rumped Thornbill	<i>Acanthiza chrysorrhoa</i>	Steve Peck
Yellow-throated Miner	<i>Manorina flavigula</i>	Steve Peck
MAMMALS (26)		
Cat*	<i>Felis catus</i>	Peter McRae
Chocolate Wattled Bat	<i>Chalinolobus morio</i>	Chris Crafter (Croxdale)
Common Dunnart	<i>Sminthopsis murina</i>	Steve Peck
Common Wallaroo	<i>Macropus robustus</i>	Steve Peck
Eastern Grey Kangaroo	<i>Macropus giganteus</i>	Steve Peck
European Fox	<i>Vulpes vulpes</i>	Peter McRae
Fat-tailed Dunnart	<i>Sminthopsis crassicaudata</i>	Peter McRae
Goat*	<i>Capra hircus</i>	Steve Peck
Gould's Wattled Bat	<i>Chalinolobus gouldii</i>	Steve Peck
House Mouse*	<i>Mus domesticus</i>	Peter McRae
Lesser Long-eared Bat	<i>Nyctophilus geoffroyi</i>	Steve Peck
Little Broad-nosed Bat	<i>Scotorepens greyi</i>	Steve Peck
Little Forest Bat	<i>Vespadelus vulturnus</i>	Chris Crafter (Croxdale)
Little Pied Bat	<i>Chalinolobus pictatus</i>	Chris Crafter (Croxdale)
Little Red Flying Fox	<i>Pteropus scapulatus</i>	Chris Crafter (Croxdale)
Pig	<i>Sus scrofa</i>	Jen Silcock
Rabbit*	<i>Oryctolagus cuniculus</i>	Steve Peck
Red Kangaroo	<i>Macropus rufus</i>	Steve Peck
Red-necked Wallaby	<i>Macropus rufogriseus</i>	Steve Peck
Sandy Inland Mouse	<i>Pseudomys hermannsburgensis</i>	Peter McRae
Short-beaked Echidna	<i>Tachyglossus aculeatus</i>	Steve Peck
Stripe-faced dunnart	<i>Sminthopsis macroura</i>	Peter McRae
Swamp Wallaby	<i>Wallabia bicolor</i>	Steve Peck
Western Grey Kangaroo	<i>Macropus fuliginosus</i>	Peter McRae
White striped freetail bat	<i>Tadarida australis</i>	Chris Crafter (Croxdale)
Yellow-bellied Sheath-tail-bat	<i>Saccolaimus flaviventris</i>	Steve Peck
AMPHIBIANS (14)		
Ornate Burrowing Frog	<i>Limnodynastes ornatus</i>	Steve Peck
Spotted Marsh Frog	<i>Limnodynastes tasmaniensis</i>	Steve Peck
Long-thumbed Frog	<i>Limnodynastes fletcheri</i>	Peter McRae
Giant Water-holding Frog	<i>Cyclorana novaehollandia</i>	Steve Peck
Water-holding Frog	<i>Cyclorana platycephala</i>	Steve Peck
Green Tree Frog	<i>Litoria caerulea</i>	Steve Peck
Knife-footed Frog	<i>Cyclorana cultripes</i>	Peter McRae
Desert trilling Frog	<i>Neobatrachus sudeli</i>	Peter McRae
Froglet	<i>Crinia sp.</i>	Peter McRae
Toadlet	<i>Pseudophryne sp.</i>	Peter McRae
	<i>Ranidella sp.</i>	Peter McRae
Peron's Tree frog	<i>Litoria peroni</i>	Peter McRae

Charleville Botanical Reserve

Management Plan, January 2023

Desert Tree Frog	<i>Litoria rubella</i>	Peter McRae
Broad-palmed Frog	<i>Litoria latopalmata</i>	Peter McRae
REPTILES (32)		
Bandy Bandy	<i>Vermicella annulata</i>	Peter McRae
Beaked Gecko	<i>Rhynchoedura ornata</i>	Steve Peck
Black-headed Monitor	<i>Varanus tristis</i>	Steve Peck
Boulenger's Skink	<i>Morethia boulengeri</i>	Steve Peck
Box-patterned Gecko	<i>Diplodactylus steindachneri</i>	Steve Peck
Burn's Dragon	<i>Amphibolurus burnsi</i>	Steve Peck
Burton's Snake-lizard	<i>Lialis burtonis</i>	Steve Peck
Bynoe's Gecko	<i>Heteronotia binoei</i>	Steve Peck
Carpet Snake	<i>Morelia spilota</i>	Peter McRae
Central Bearded Dragon	<i>Pogona vitticeps</i>	Steve Peck
Curl Snake	<i>Suta suta</i>	Peter McRae
Devis's Banded Snake	<i>Denisonia devisi</i>	Peter McRae
Dwyer's Snake	<i>Parasuta dwyeri</i>	Steve Peck
Eastern Hooded Scaly-foot	<i>Pygopus schraderi</i>	Steve Peck
Eastern Spiny-tailed Gecko	<i>Strophurus williamsi</i>	Steve Peck
Eastern Stone Gecko	<i>Diplodactylus vittatus</i>	Steve Peck
Eastern Striped Skink	<i>Ctenotus robustus</i>	Steve Peck
Legless Lizard	<i>Delma tincta</i>	Steve Peck
Leopard Ctenotus	<i>Ctenotus pantherinus</i>	Steve Peck
Marbled Velvet Gecko	<i>Oedura marmorata</i>	Steve Peck
Mulga Snake	<i>Pseudechis australis</i>	Chris Crafter (Croxdale)
Pale-headed Snake	<i>Hoplocephalus bitorquatus</i>	Peter McRae
Red-nape Snake	<i>Furina diadema</i>	Peter McRae
Sand Goanna	<i>Varanus gouldii</i>	Steve Peck
Shingleback	<i>Trachydosaurus rugosus</i>	Steve Peck
Skink	<i>Cryptoblepharus plagioccephalus</i>	Steve Peck
Skink	<i>Ctenotus brachyonyx</i>	Steve Peck
Skink	<i>Ctenotus leonhardii</i>	Steve Peck
Tree Dtella	<i>Gehyra variegata</i>	Steve Peck
Tree Skink	<i>Egernia striolata</i>	Steve Peck
Yakka Skink	<i>Egernia rugosa</i>	Steve Peck
Western Brown Snake	<i>Pseudonaja nuchalis</i>	Peter McRae
FISH AND CRUSTACEANS (3)		
Blue-claw yabby	<i>Cherax destructor</i>	Chris Crafter (Croxdale)
Silver perch	<i>Bidyanus bidyanus</i>	Chris Crafter (Croxdale)

Note: Five bat species, two fish and one crustacean have not been recorded in the Reserve but are known from Croxdale Station just over the river (Croxdale species list, compiled by Chris Crafter) and are included here. * denotes Introduced species. (V) Vulnerable under Nature Conservation Act and/or EPBC Act

Raju Ranjit

From: Jennifer Silcock <j.silcock@uq.edu.au>
Sent: Thursday, 9 February 2023 12:21 PM
To: Neil Polglase; Raju Ranjit; blair_oconnor@murweh.qld.gov.au
Cc: Robert Eckel; WATTZ Tracy; Danielle Lancaster; crazyeddietime@gmail.com
Subject: Charleville Botanical Reserve
Attachments: Botanical Reserve Management Plan_2023.doc

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Neil, Raju and Blair,

I am writing to introduce ourselves as members of the Charleville Botanical Reserve management committee - cc'ed are Tracy Wattz (Queensland Parks and Wildlife), Danielle Lancaster and Greg Blake. I have also cc'ed Robert Eckel, who has been our chief point of contact with Council over recent years about the Reserve, particularly since both Danielle and Paul O'Connor have moved on from their former roles with Council.

The Botanical Reserve is 15km out of town on the Cunnamulla road and is a Reserve for Environmental Purposes under the trusteeship of Murweh Shire Council. There is a 30 km self-guiding driving track with interpretative signs about the plants and animals, and a 2 km walking track. Since it was opened to the public in 2021, it has become a well-visited tourist attraction. The attached draft Management Plan 2023 contains some background on the Reserve, its values, infrastructure and management. Over the years, we have received funding from external grants, Southern Queensland Landscapes and from Council, as well as in-kind contributions from Queensland Parks and Wildlife, to establish and maintain the tracks, design and install signage and conduct monitoring and management on the Reserve.

Unfortunately over summer, some of the infrastructure in the Reserve - a vegetation sign and some panels from the recycled plastic picnic tables - has been vandalised and stolen. Both the driving and walking track are overgrown, and we need to maintain internal and external fire breaks around the highly flammable spinifex vegetation in the Reserve. These issues need to be addressed prior to tourist season so that the Reserve is both safe and enjoyable for visitors. The most urgent priorities, for which we have sourced quotes, are:

1. Replacing the stolen spinifex vegetation sign (estimated cost \$700, awaiting exact quote)
2. Replacing stolen picnic table panels (quoted \$2,288.44 including postage, which also includes four more directional totems from the same company)
3. A light grade of the internal track, in particular fixing up a boggy section
4. Minor maintenance of walking track with a bobcat (likely to take a couple of hours)
5. Additional directional and safety signage including '4WD only', 'Dry weather road only' and 'No caravans or trailers' signage (awaiting quote)

We are in the process of submitting an EoI through David Littleproud for a current round of community funding (we are not an affiliated body, so our grants in the past have been administered by Save the Bilby Fund, a local conservation not-for-profit with whom we have a good working relationship). However, even if we are successful, this funding is unlikely to be available before the start of peak tourist season in April.

Thus we were wondering if Council have any existing funds to contribute towards these priorities for making the Botanical Reserve an appealing and, most importantly, safe tourist attraction for visitors?

In terms of fire management, we need the existing firebreak maintained around the more flammable parts of the boundary (about 3 km in total), while maintenance of the existing track will also be important for fire management. We have support from Queensland Parks to conduct some planned burns, and Tracy is talking with Blair about how to proceed.

We would also like the opportunity to brief Council on the Reserve, its values to the Shire and longer-term operational directions and requirements. Is there a chance that we could do this at the Council briefing in March?

Many thanks for your time, and we look forward to hearing from you,

Dr Jen Silcock (on behalf of the Charleville Botanical Reserve management committee).

13.5 UPGRADE OF DRAINAGE WORK IN AUGATHELLA

Author: Director Engineering Services

Authoriser: CEO

RECOMMENDATION

That Council approves a budget provision of \$ 198,000 for the upgrade of drainage work in Augathella.

BACKGROUND**Purpose**

The purpose of this report is to update Council regarding current situation of the existing drainage (Gully) along the Forest Street between Main Street and Cavanagh street in Augathella.

Discussion

In the last 12 months, there have been several heavy rain that have eroded the existing drainage water way. The results of which have significantly impacted some property boundaries, back yards and Council's underground utilities.

Council will not be able to provide the required level of service if we do not address the drainage issues in timely manner.

Consultation

The following staff and affected people were consulted in relation to the issues.

- Council town service team
- Affected residents.

Financial Risks

High – Costing has been prepared based on the verbal quotation for supply of the pipes and install costs based on the experience of the similar projects. It is recommended that a provision of \$ 198,000.00 be established, from 4435-2000.

Environmental Risks

High - Assist to reduce impact on the properties located near the drainage area.

Social Risk

High - After considering the possible impacts on the existing properties and council underground utilities, the proposed pipe works will keep the properties and council infrastructure in better and safer position.

Legal Risk

High- if council were to leave the existing condition of the drainage as it is, there is potential for future liability claims arising from the residents close to the drain (Gully); resulting from property loss caused from erosions of the drainage bank. There is also potential for human injury if impacts to the properties.

LINK TO CORPORATE PLAN

3.1.1 Health and wellbeing services meet community needs and expectations

ATTACHMENTS

1. Construction drawing [↓](#)



PROPOSED WORK SITE

SHEET INDEX :

- SN01 DRAWING INDEX AND LOCALITY PLAN
- SN02 GENERAL NOTES
- SN03 PIPE LAYOUT
- SN04 TO SN 09 PLAN
- SN10 LONGITUDINAL SECTION
- SN 11 TO SN 13 CROSS SECTIONS
- SN14 DETIALS
- SN15 DETAIL OF PIPE EXIT
- SN16 CUT AND FILL VOLUME

LOCATION OF WORKS:
AUGATHELLA, QLD 4477


FOR CONSTRUCTION

Rev	DATE	REVISION DETAILS	BY

RID ENGINEERING CONSULTANCY PTY. LTD.
UNIT 10-803 KING GEORGE ROAD, SOUTH
HURSTVILLE, 2221
Phone: 0493303321
email: ridengineeringcon@gmail.com

PROJECT TITLE:
Drainage Upgrade in Augathella, QLD

DRAWING DESCRIPTION:
LOCATION OF WORK

 Murweh Shire Council
95-101 Alfred St, PO Box 63
Charleville Q 4470

DESIGNED BY: RR- MSC	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY: AA	DATE: 24/2/2023	Sheet No 01	No In Set A3 0
DRAWING NUMBER: 202301			

CONSTRUCTION OF PIPE DRAINAGE IN AUGATHELLA , QLD 4477

GENERAL NOTES

- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CONDITIONS OF CONTRACT, THE CURRENT MURWEH SHIRE COUNCIL SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE CONTRACT SUPERINTENDENT.
- THE MURWEH SHIRE COUNCIL AND ALL RELEVANT SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING A MINIMUM OF SEVEN (7) DAYS PRIOR TO THE COMMENCEMENT OF WORKS.
- ALL LEVELS ARE TO A.H.D. AND DIMENSION ARE IN METERS UNLESS OTHERWISE STATED.
- UPON THE COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION 'CONSTRUCTION TECHNIQUES FOR SEDIMENT CONTROL'.
- THE LOCATION OF ALL EXISTING SERVICES SHOWN ON THESE PLANS ARE APPROXIMATE AND THEIR EXACT LOCATION SHALL BE PROVEN ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT.
- ANY DAMAGE CAUSED TO EXISTING SERVICES AND ANY COSTS ASSOCIATED WITH REPAIRS OR LOSS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- UNLESS OTHERWISE SHOWN, NO TREES SHALL BE REMOVED OR TRIMMED WITHOUT PRIOR CONSENT OF THE SUPERINTENDENT. TREES DESIGNATED FOR REMOVAL INCLUDE GRUBBING.
- PRIOR TO THE COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PREPARE A SITE SPECIFIC ENVIRONMENTAL MANAGEMENT PLAN TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL STORM WATER AND CONDUIT TRENCHES UNDER ROAD PAVEMENT AND/ OR UNDER CONCRETE PAVING SHALL WITH APPROVED CRUSHED ROCK AND COMPACTED IN 150mm LAYERS, ALL AS SPECIFIED.
- THE CONTRACTOR IS TO ENSURE THAT A MINIMUM OF 300mm DEPTH CRUSHED ROCK IS PLACED OVER ALL DRAINAGE PIPES UNDER TRAFFICABLE AREAS DURING CONSTRUCTION.
- ALL STORM WATER DRAINAGE PIPES SHOWN SHALL BE CLASS '4' RCP AND RUBBER RING JOINTED UNLESS OTHERWISE SPECIFIED.
- BEFORE THE COMMENCEMENT OF WORKS IN TRENCHES IN EXCESS OF 1.5m DEEP, NOTICE OF SUCH PROPOSAL SHALL BE FORWARDED BY THE CONTRACTOR TO THE PRINCIPAL MINING INSPECTOR, VICTORIAN WORK COVER AUTHORITY IN ACCORDANCE WITH THE MINES ACT 1958 AND THE OCCUPATIONAL HEALTH AND SAFETY ACT 1985. A FOREMAN QUALIFIED AS A NOMINATED PERMITTED MINES MANAGER MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATION.
- ALL STORM WATER DRAINAGE PITS AND PROPERTY CONNECTIONS, ETC, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF CASEY STANDARD PLANS
- 100mm ϕ PVC CLASS 400 SUBSURFACE (A.G.) DRAINS SHALL BE LAID BEHIND ALL KERB AND CHANNEL AS DIRECTED. SUB SURFACE DRAINS SHALL BE LAID AT A DEPTH OF 750mm BELOW TOP OF KERB OR TO THE BOTTOM OF THE SUB-BASE PAVEMENT LAYER.
- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL RUBBISH AND SPOIL FROM THE SITE.
- NO TOPSOIL SHALL BE REMOVED FROM THE SITE WITHOUT CONSENT FROM THE SUPERINTENDENT.
- EARTHWORKS SHALL BE CARRIED OUT TO THE DESIGN LEVELS SHOWN ON CONSTRUCTION ISSUE PLANS.
- FILL MATERIAL IS TO BE PLACED IN 150mm LAYERS AND BE COMPACTED TO MINIMUM 95% DRY DENSITY.
- STRUCTURAL FILL IS TO BE APPROVED BY THE SUPERINTENDENT PRIOR TO PLACEMENT. LEVEL 1 GEOTECHNICAL SUPERVISION IS TO BE MAINTAINED TO AS 3798-1996. STRUCTURAL FILL IS TO BE COMPACTED IN 150mm LAYERS ALL AS SPECIFIED.
- ALL FILL, NATURE STRIPS, VERGES, BATTERS AND DISTURBED AREAS SHALL BE TOP SOILED WITH 75mm MINIMUM DEPTH OF APPROVED LOAM AND SOWN WITH SEED, ALL AS SPECIFIED.
- EARTHWORKS WITHIN ROAD RESERVES SHALL BE TESTED TO THE REQUIREMENTS AND SATISFACTION OF THE MURWEH SHIRE COUNCIL THE CONTRACTOR SHALL ENGAGE THEIR OWN 'NATA, REGISTERED GEOTECHNICAL ENGINEER TO CARRY OUT TESTS IN ACCORDANCE WITH AS 3798 AND AS 1289 AND SHALL SUPPLY TEST RESULTS CONFORMING WITH IN THE PROJECT SPECIFICATION. FREQUENCY OF TESTS SHALL BE PROVIDED IN ACCORDANCE WITH AS 3798. TEST RESULTS SHALL BE REVIEWED BY THE MURWEH SHIRE COUNCIL , AND, IF NECESSARY, ADDITIONAL TEST WILL BE SUPPLIED TO THE SUPERINTENDENTS SATISFACTION.
- ALL PRE-MIX CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 25MPa UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL ERECT AND IS RESPONSIBLE FOR THE MAINTAINING ALL WORK SITE TRAFFIC MANAGEMENT SIGNS, WARNING SIGNS, SITE FENCING, BARRICADES, LIGHTS, SHORING, AND OTHER MEASURE NECESSARY TO KEEP THE WORK SITE SAFE AND TO PROTECT THE PUBLIC FROM THE WORKS.
- ALL LINE MARKING, RRP AND SIGNAGE SHALL BE INSTALLED IN ACCORDANCE WITH AS 1742.1 AND AS 1742.2 UNLESS SHOWN OTHERWISE. LINE MARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT. SUPERFLUOUS LINE MARKING IS TO BE PERMANENTLY REMOVED. NEW LINE MARKING SHALL MATCH INTO EXISTING LINE MARKING. SUPPLY & INSTALL TACTILES SHOWN ON PLAN.- N/A

25. THE SUB-GRADE OF ALL PAVEMENTS SHALL BE APPROVED BY THE SUPERINTENDENT PRIOR TO THE PLACEMENT OF ANY SUBSEQUENT PAVEMENT COURSE. PROOF ROLLING AND COMPACTION TESTING OF EACH PAVEMENT LAYER SHALL BE IN ACCORDANCE WITH AS 3798 AND AS 1289 AND SHALL MEET THE FOLLOWING STANDARDS;

ASPHALT LAYERS	100% MODIFIED DRY DENSITY
BASE LAYER	98% MODIFIED DRY DENSITY
SUB-BASE LAYER	95% MODIFIED DRY DENSITY
SUB-GRADE	95% STANDARD DRY DENSITY

COMPACTION TEST RESULTS SHALL BE FORWARDED BY THE CONTRACTOR TO THE SUPERINTENDENT FOR REVIEW PRIOR TO THE PLACEMENT OF SUBSEQUENT PAVEMENT LAYERS.

26. SERVICE CONDUITS FOR GAS, WATER, AND ELECTRICITY ARE TO BE LOCATED IN THE POSITIONS AS SHOWN. THEY ARE TO BE LAID AT RIGHT ANGLES TO THE KERB AND SERVICE ALIGNMENT. THE CONDUITS ARE TO BE REFERENCED IN 50mm HIGH LETTERS ON THE FACE OF KERB AND CHANNEL MARKED WITH 'G', 'W' OR 'E' ACCORDINGLY.

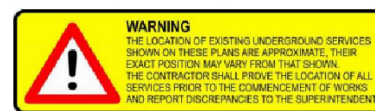
27. ALL ROADS AND HAUL ROUTES USED BY VEHICLE AND CONSTRUCTION EQUIPMENT ARE TO BE KEPT CLEAN AT ALL TIMES TO THE SATISFACTION OF THE SUPERINTENDENT.

28. THE CONTRACTOR SHALL ENSURE THAT DUST PRODUCED FROM THE SITE SHALL BE KEPT TO A MINIMUM AND NOT CAUSE NUISANCE TO ANY THIRD PARTY.

- WHERE A DISCREPANCY BETWEEN THE CONSTRUCTION PLANS AND PROJECT SPECIFICATION MAY ARISE, THE PROJECT SPECIFICATION SHALL TAKE PRECEDENCE. SUCH DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT.
- ALL KERBS ARE TO BE CONSTRUCTED AS PER VPA STANDARD.- N/A FOR THIS CONTRACT
- PIPES TO BE LAID IN ACCORDANCE WITH AS3725. BACKFILL INSTALLATION AROUND AND OVER PIPES TO CONFORM TO AS3725 TYPE HS2. BACKFILL MATERIAL TO BE IN ACCORDANCE WITH DESIGN DRAWINGS.

32. APPLICATION OF HISEAL-TG HIGH PERFORMANCE, TWO COMPONENT POLYURETHANE SEALANT OR THE EQUIVALENT TO COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.

33. ROCKS IN RIP RAP SHALL CONSIST OF CLEAN, SOUND, HARD, TOUGH, QUARRIED ROCK OF UNIFORM QUALITY OF CRUSHING STRENGTH NOT LESS THAN 25 MPa. THE ROCKS SHALL BE WELL GRADED AND WITHIN THE SIZES RANGES OF 225MM AND 150MM.




FOR CONSTRUCTION

Rev	DATE	REVISION DETAILS	BY

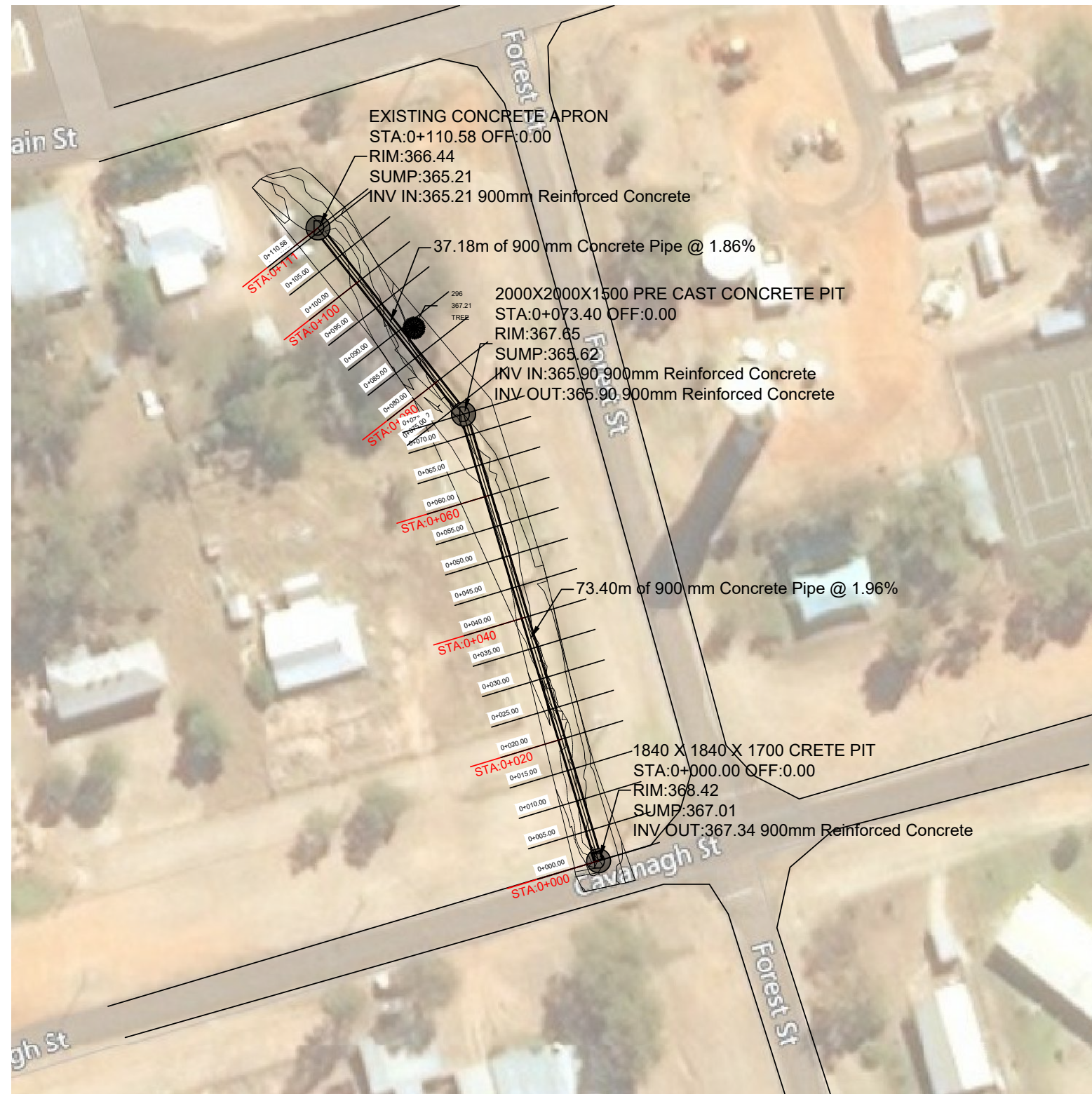
RID ENGINEERING CONSULTANCY PTY. LTD.
 UNIT 10-803 KING GEORGE ROAD, SOUTH
 HURSTVILLE, 2221
 Phone: 0493303321
 email: ridengineeringcon@gmail.com

PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 NOTES

 Murweh Shire Council
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

DESIGNED BY: RR- MSC	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY: AA	DATE: 24/2/2023	Sheet No 02	No In Set A3 0
DRAWING NUMBER: 202301			



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 UNIT 10-803 KING GEORGE ROAD, SOUTH HURSTVILLE, 2221
 Phone: 0493303321
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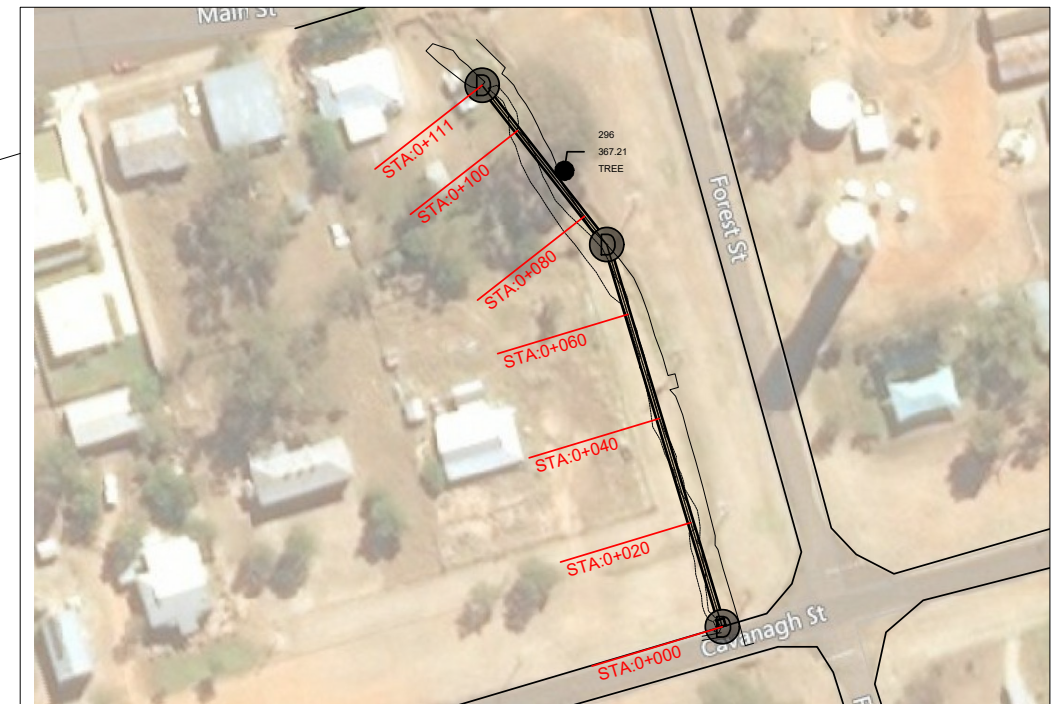
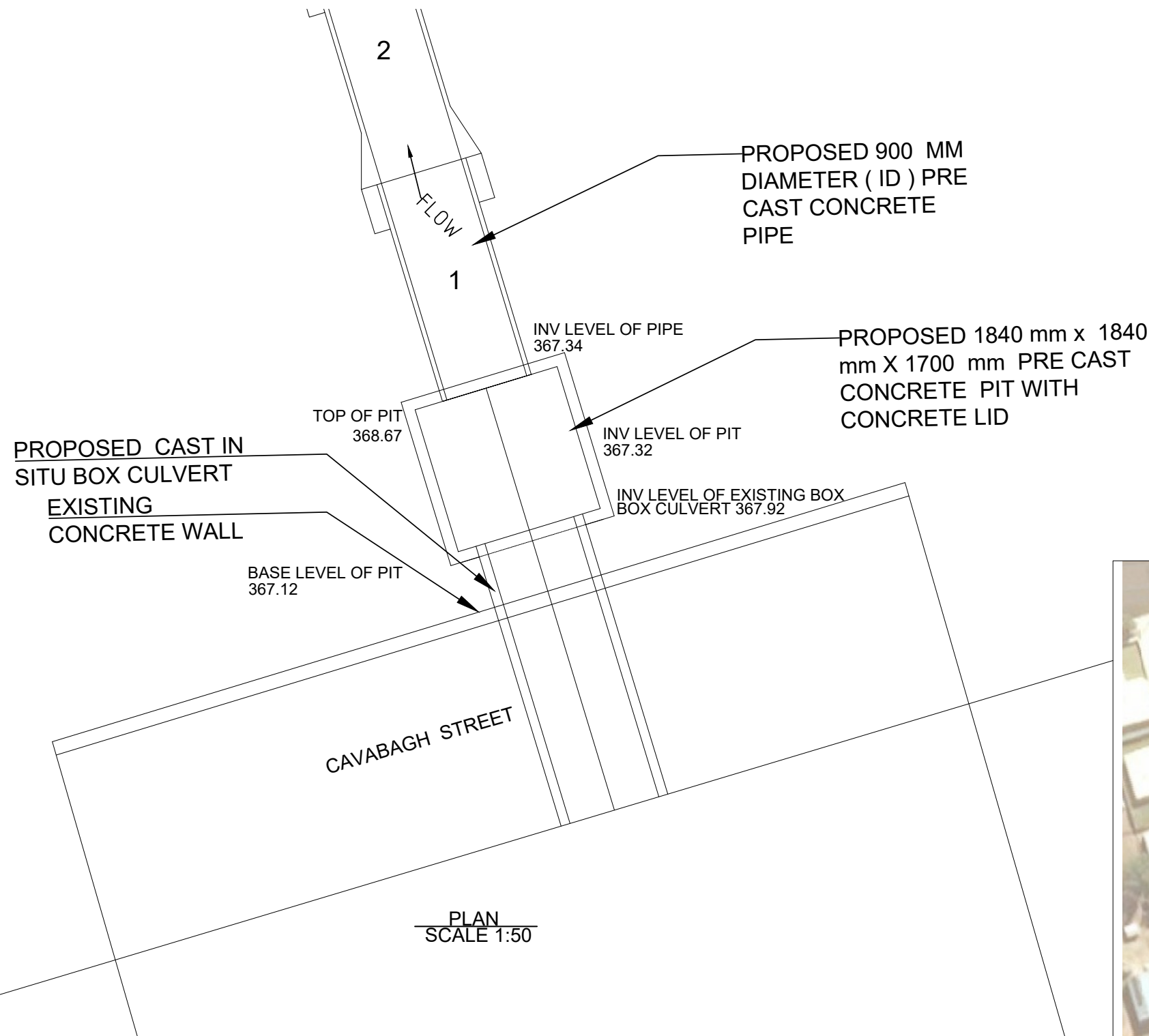
PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 PIPE LAYOUT

 Murweh Shire Council
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

DESIGNED BY: RR-MSC	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY: AA	DATE: 24/2/2023	Sheet No 03	No In Set A3 0
DRAWING NUMBER: 202301			

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PROJECT TITLE:
Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
PLAN

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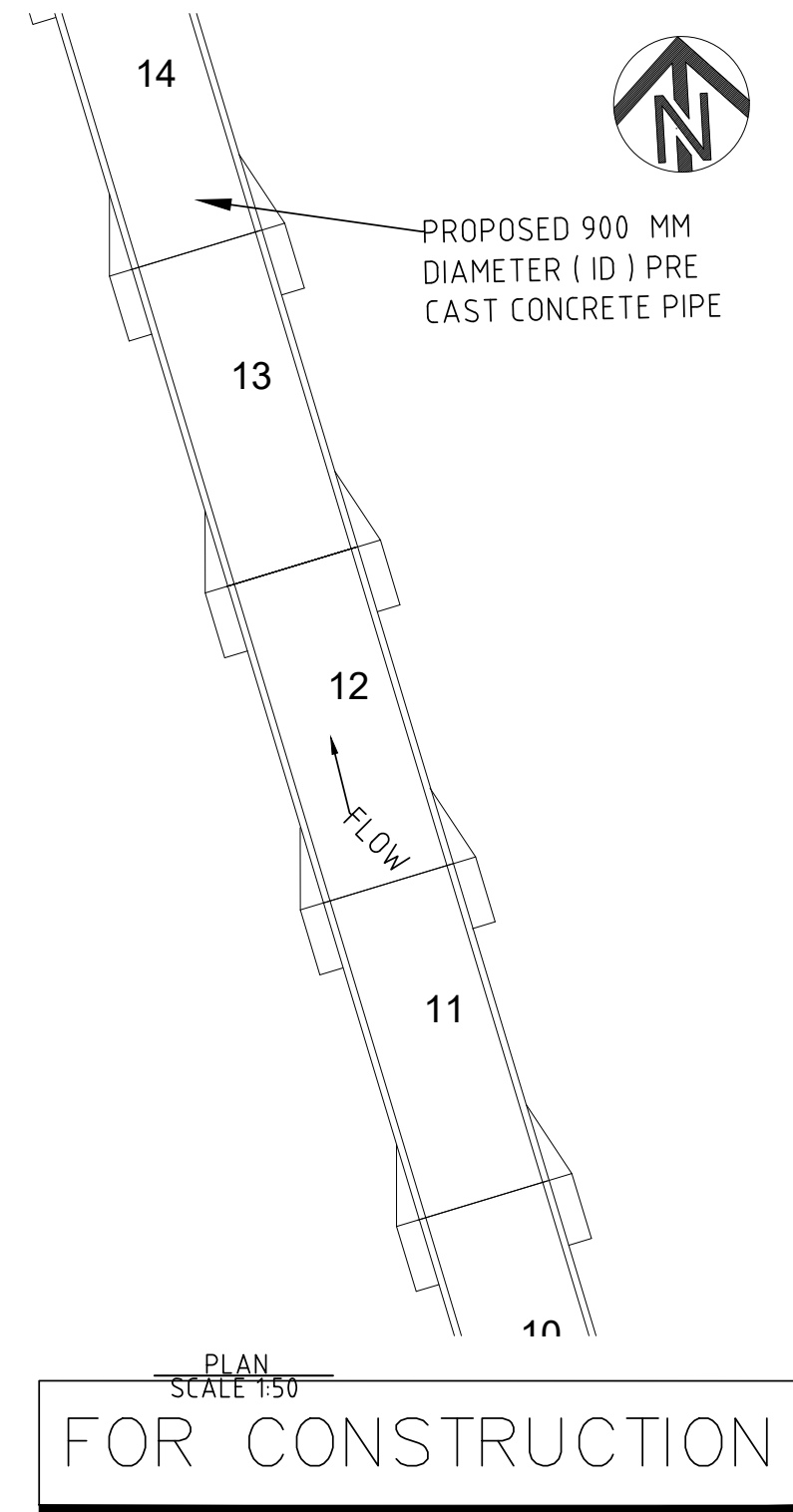
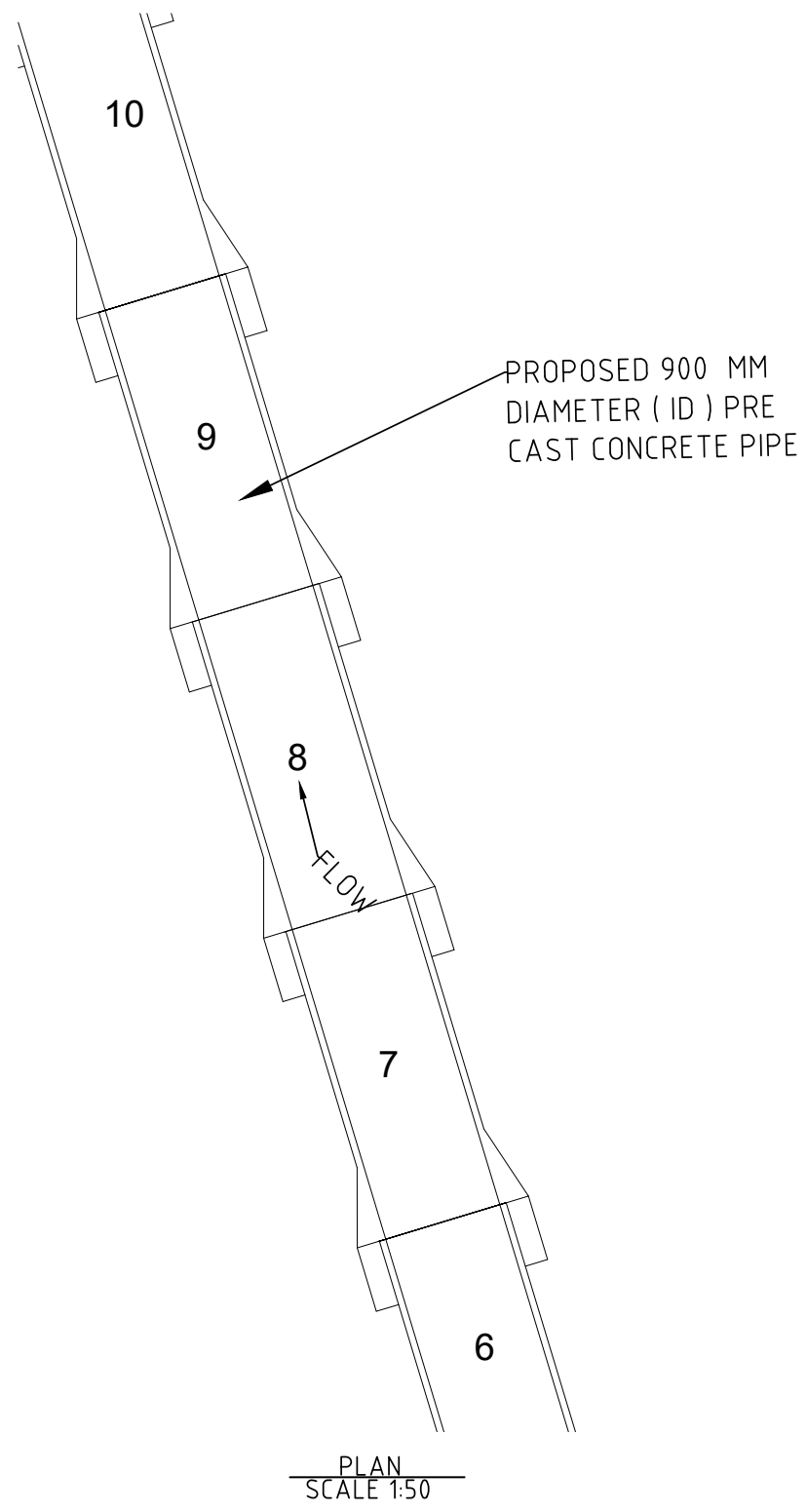
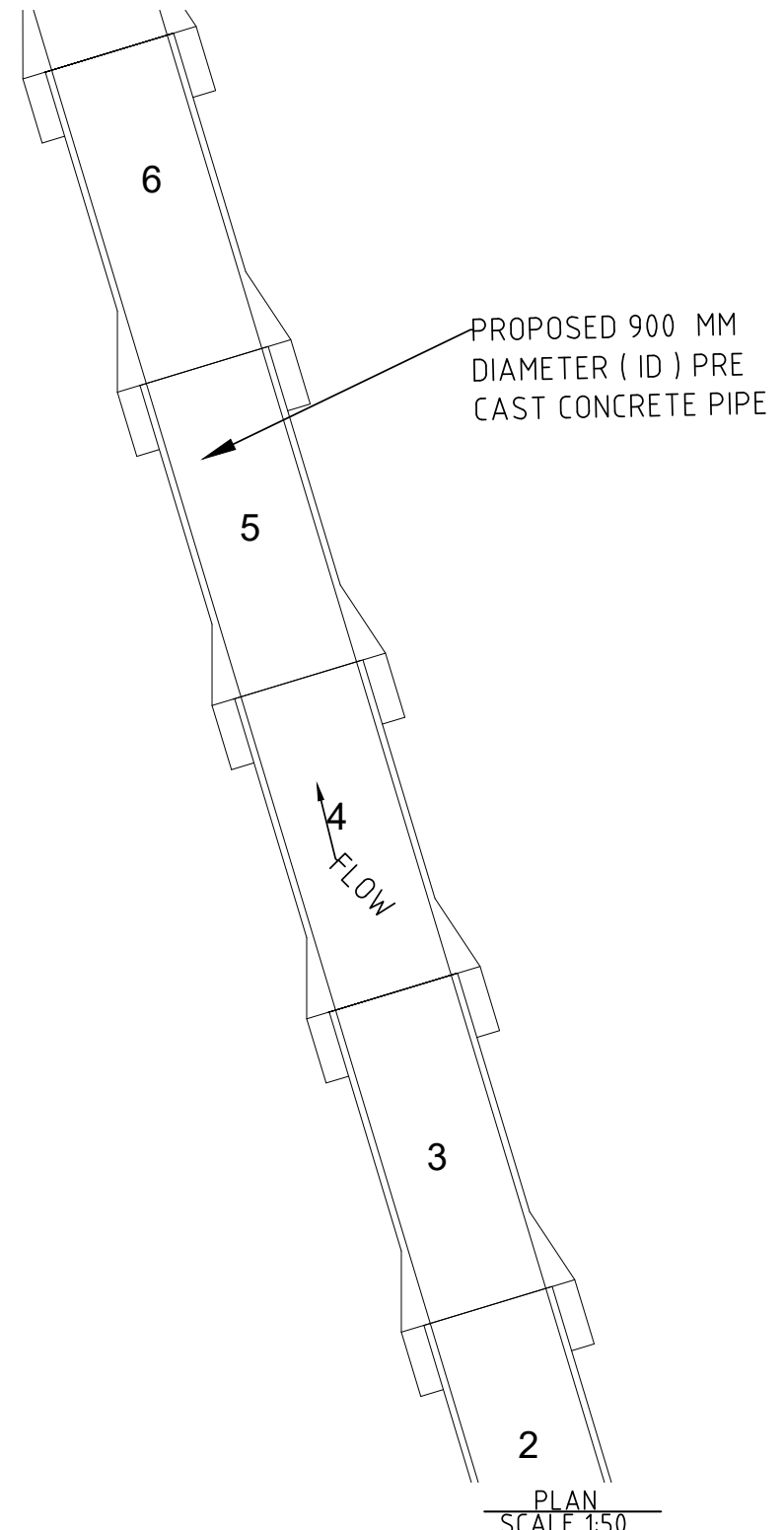
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SURVEYED BY: MSC

DATUM: AHD
DATE:

JOB NO:
Sheet No 04 No In Set SIZE A3 REV 0

DRAWING NUMBER: 202301



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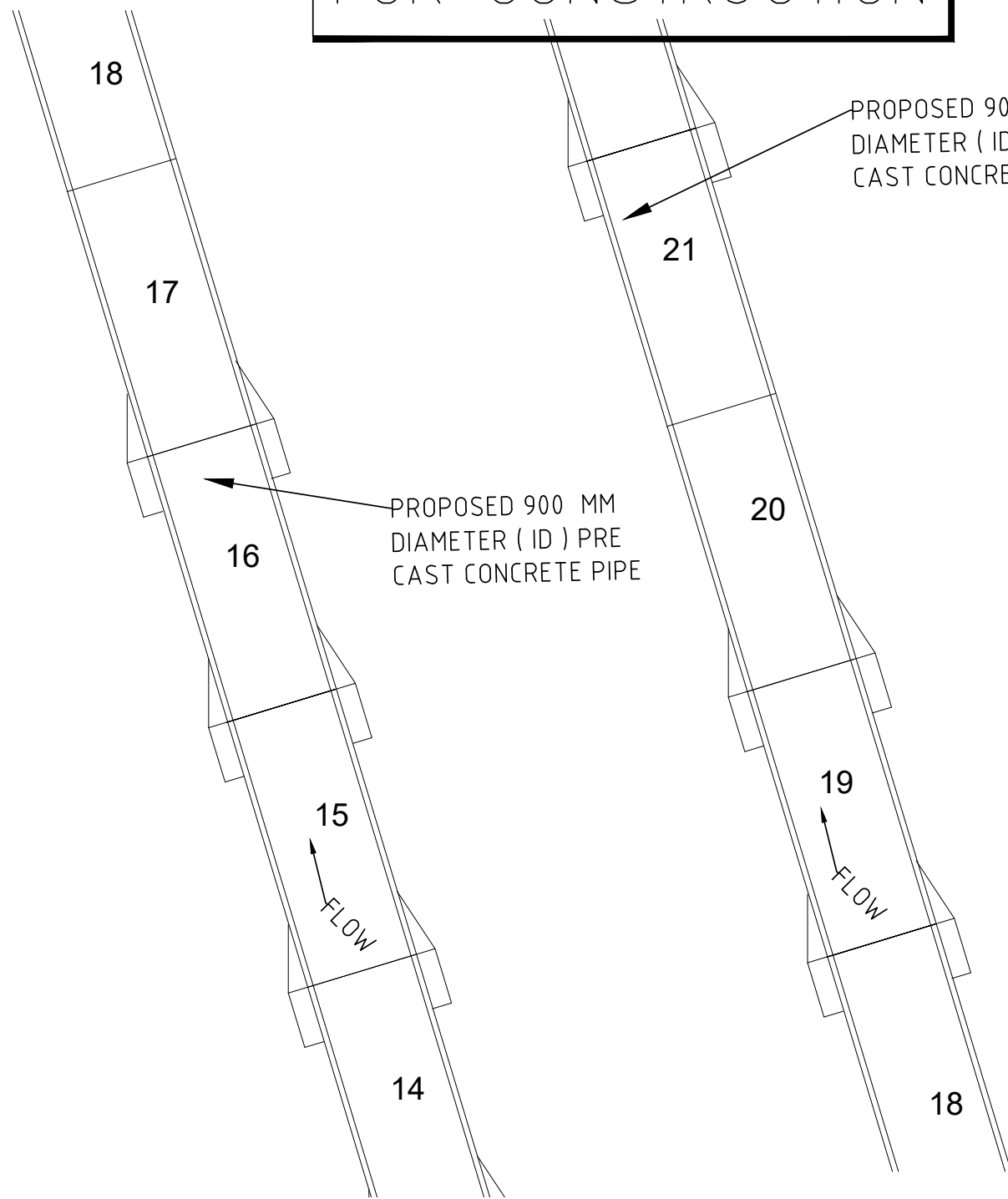
PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 PLAN

 Murweh Shire Council
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

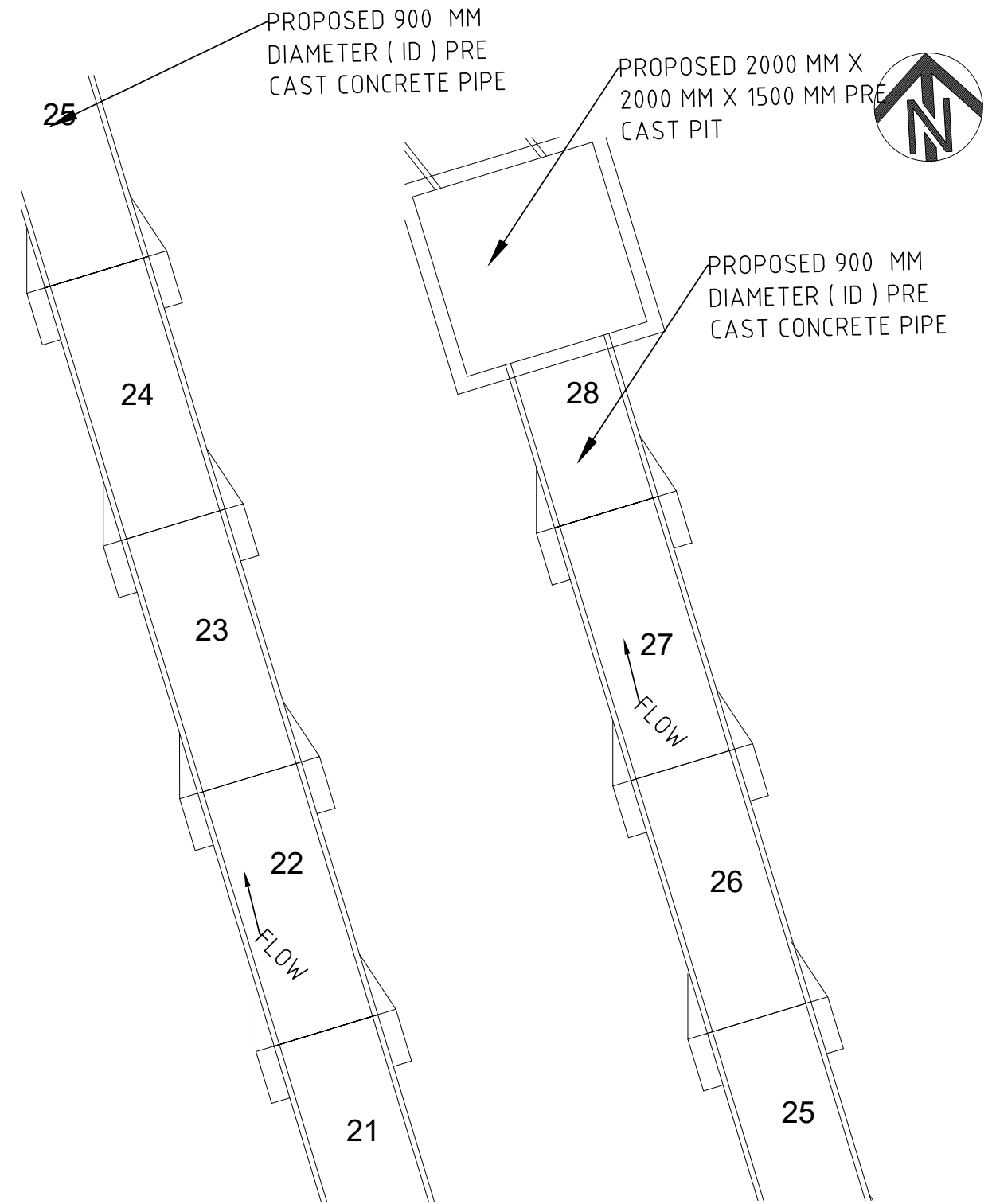
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CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY: AA	DATE: 24/2/2023	Sheet No 05	No In Set A3 REV 0
DRAWING NUMBER: 202301			

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PLAN
SCALE 1:50

PLAN
SCALE 1:50



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 email: ridengineeringcon@gmail.com

PROJECT TITLE:
Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
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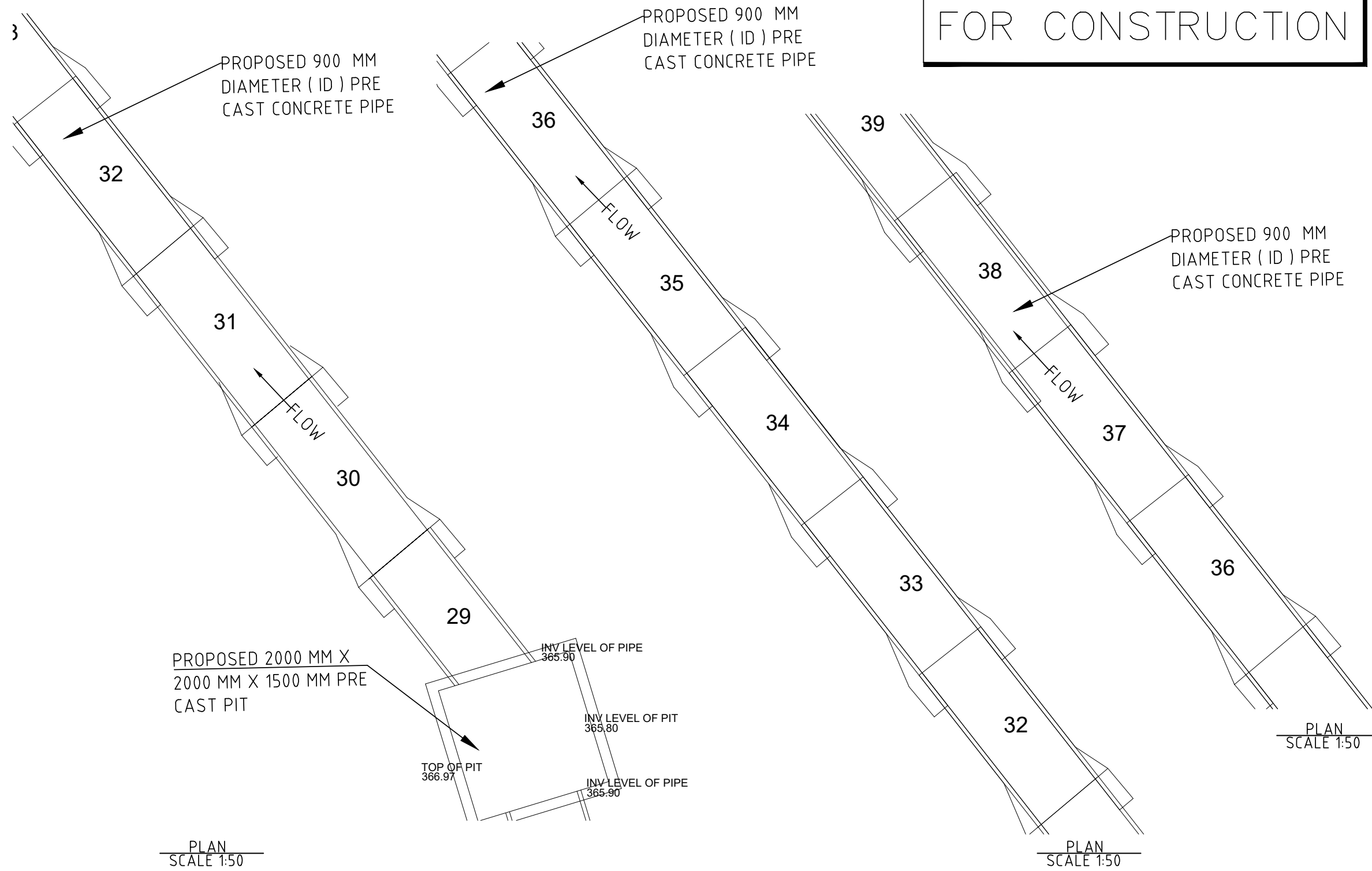


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APPROVED BY: AA	DATE: 24/2/2023	Sheet No 06	No In Set A3
DRAWING NUMBER: 202301		SIZE A3	REV 0



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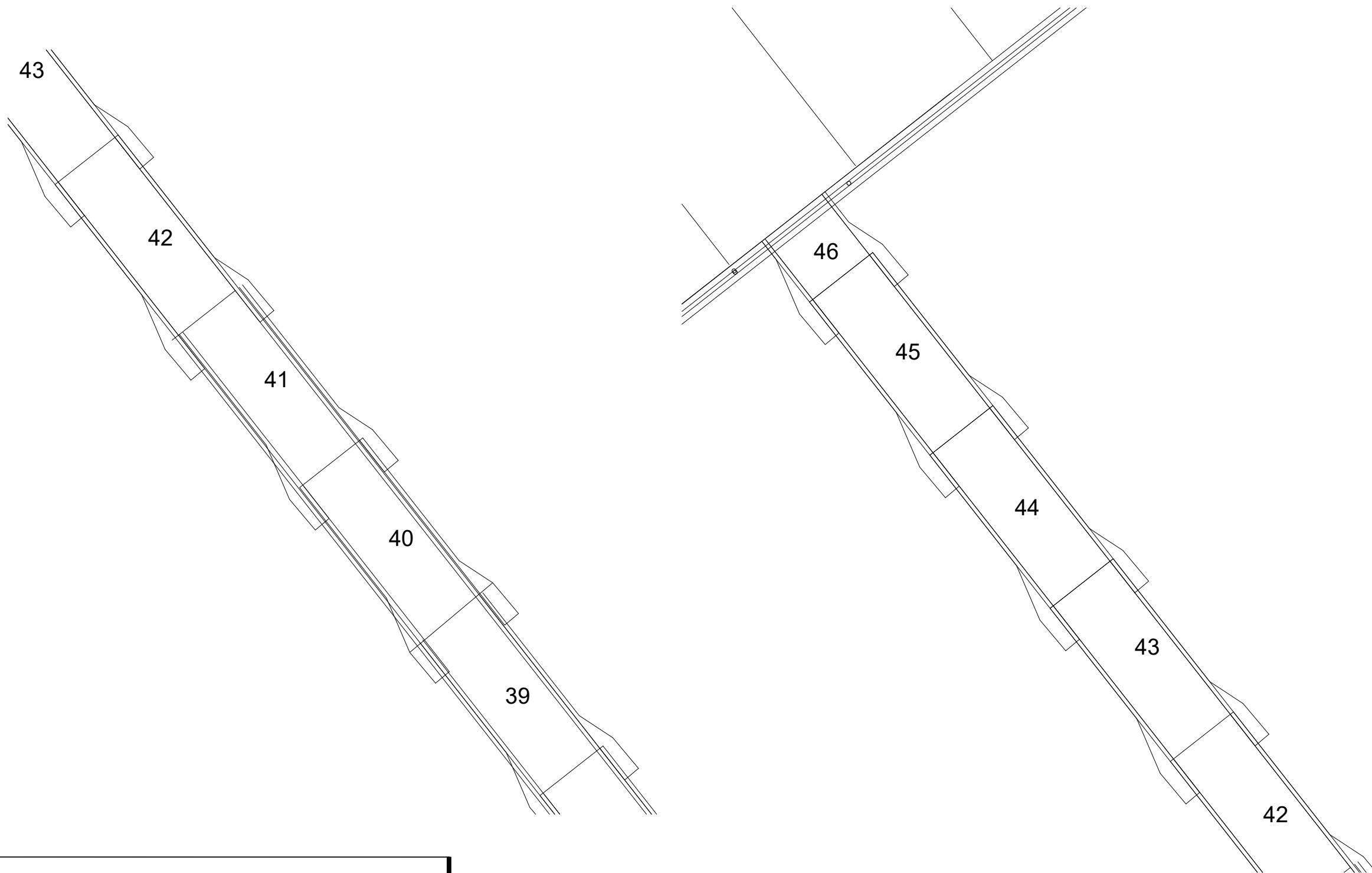
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 Phone: 0493303321
 email: ridengineeringcon@gmail.com

PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 PLAN


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DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
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APPROVED BY: AA	DATE: 24/2/2023	Sheet No 07	No In Set A3
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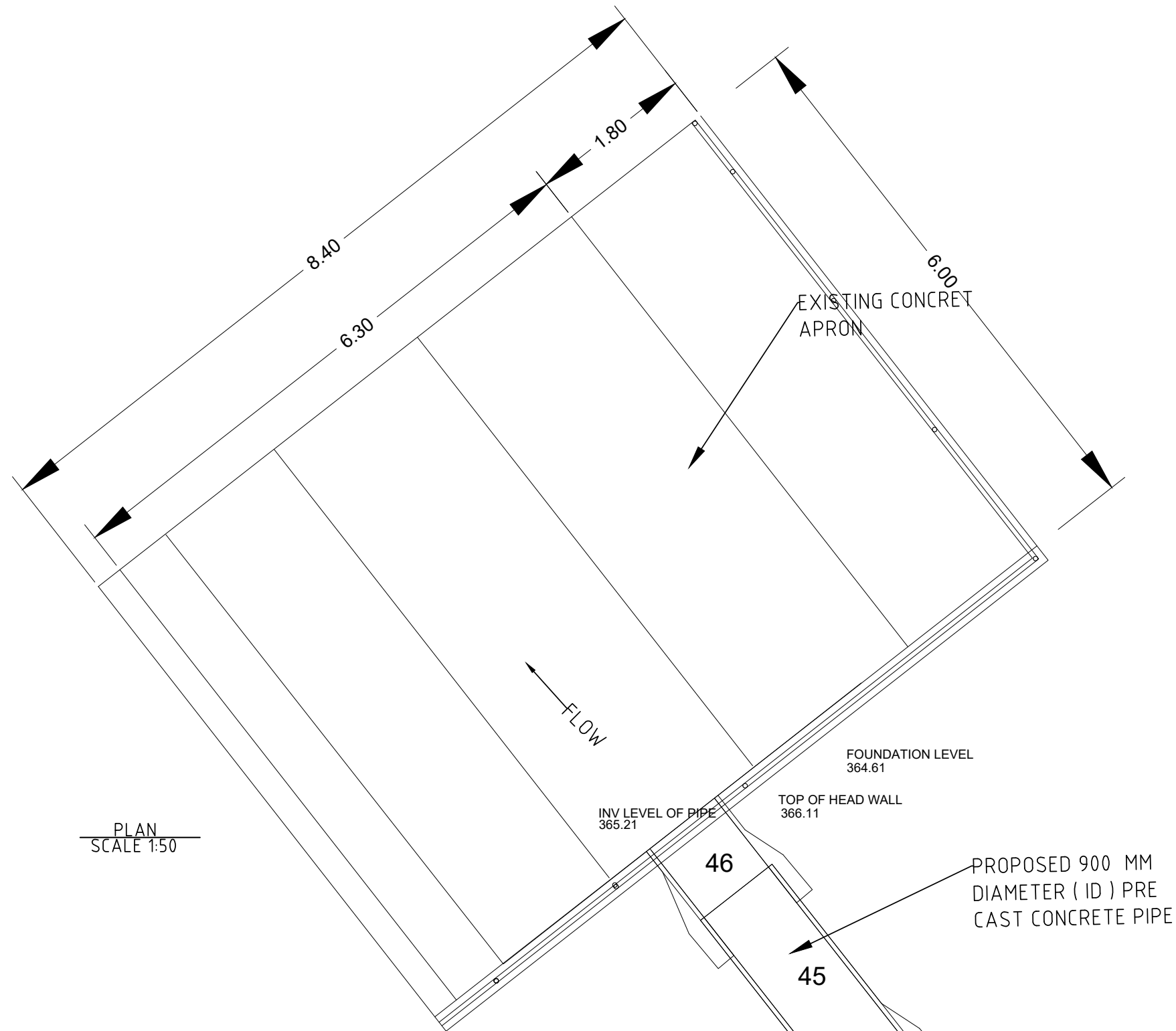
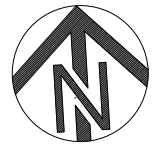
PROJECT TITLE:
Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 PLAN



Murweh Shire Council
 95-101 Alfred St, PO Box 63
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DESIGNED BY: RM	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY:	DATE: 24/2/2023	Sheet No 08	No In Set A3
DRAWING NUMBER:		SIZE 0	REV 0



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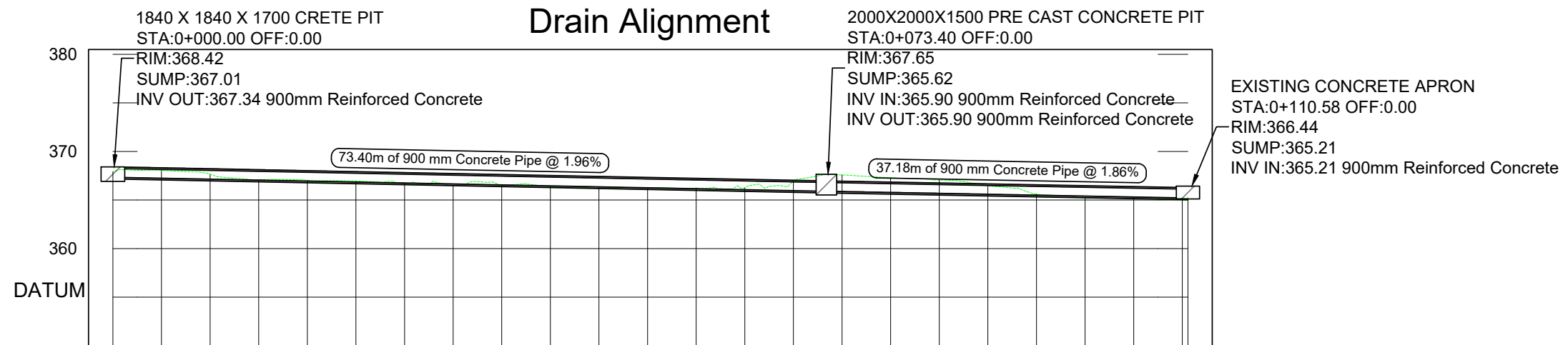
RID ENGINEERING CONSULTANCY PTY. LTD.
UNIT 10-803 KING GEORGE ROAD, SOUTH
HURSTVILLE, 2221
Phone: 0493303321
email: ridengineeringcon@gmail.com

PROJECT TITLE:
Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
PLAN

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Charleville Q 4470

DESIGNED BY: RM	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY: AA	DATE: 24/2/2023	Sheet No 09	No In Set A3 REV 0
DRAWING NUMBER: 202301			



EXISTING SURFACE	367.92	368.06	367.65	367.10	367.03	366.96	366.66	366.51	366.48	366.36	366.34	366.25	366.23	366.29	366.99	367.58	367.30	367.07	366.46	365.62	365.18	365.28	365.21	
Pipe Alignment	Gradient: 1.96% Length: 73.41m Start Elv.: 367.34m End Elv.: 365.90m											0+73.40	367.65	Gradient: 1.86% Length: 37.19m Start Elv.: 365.90m End Elv.: 365.21m										
CHAINAGE (M)	0+005	0+010	0+015	0+020	0+025	0+030	0+035	0+040	0+045	0+050	0+055	0+060	0+065	0+070	0+075	0+080	0+085	0+090	0+095	0+100	0+105	0+110		

STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT:
1840 x 1840 x 1700 crete Pit	RIM = 368.42 SUMP = 367.01 INV OUT = 367.340		Pipe - (1), 900 mm REINFORCED CONCRETE INV OUT =367.34
2000x2000x1500 Pre Cast Concrete Pit	RIM = 367.65 SUMP = 365.62 INV IN = 365.900 INV OUT = 365.900	Pipe - (1), 900 mm REINFORCED CONCRETE INV IN =365.90	Pipe - (2), 900 mm REINFORCED CONCRETE INV OUT =365.90
Existing Concrete Apron	RIM = 366.44 SUMP = 365.21 INV IN = 365.210	Pipe - (2), 900 mm REINFORCED CONCRETE INV IN =365.21	

Pipe Table				
NAME	SIZE	LENGTH	SLOPE	MATERIAL
Pipe - (1)	900 mm	73.4 m	1.96%	Reinforced Concrete
Pipe - (2)	900 mm	37.2 m	1.86%	Reinforced Concrete

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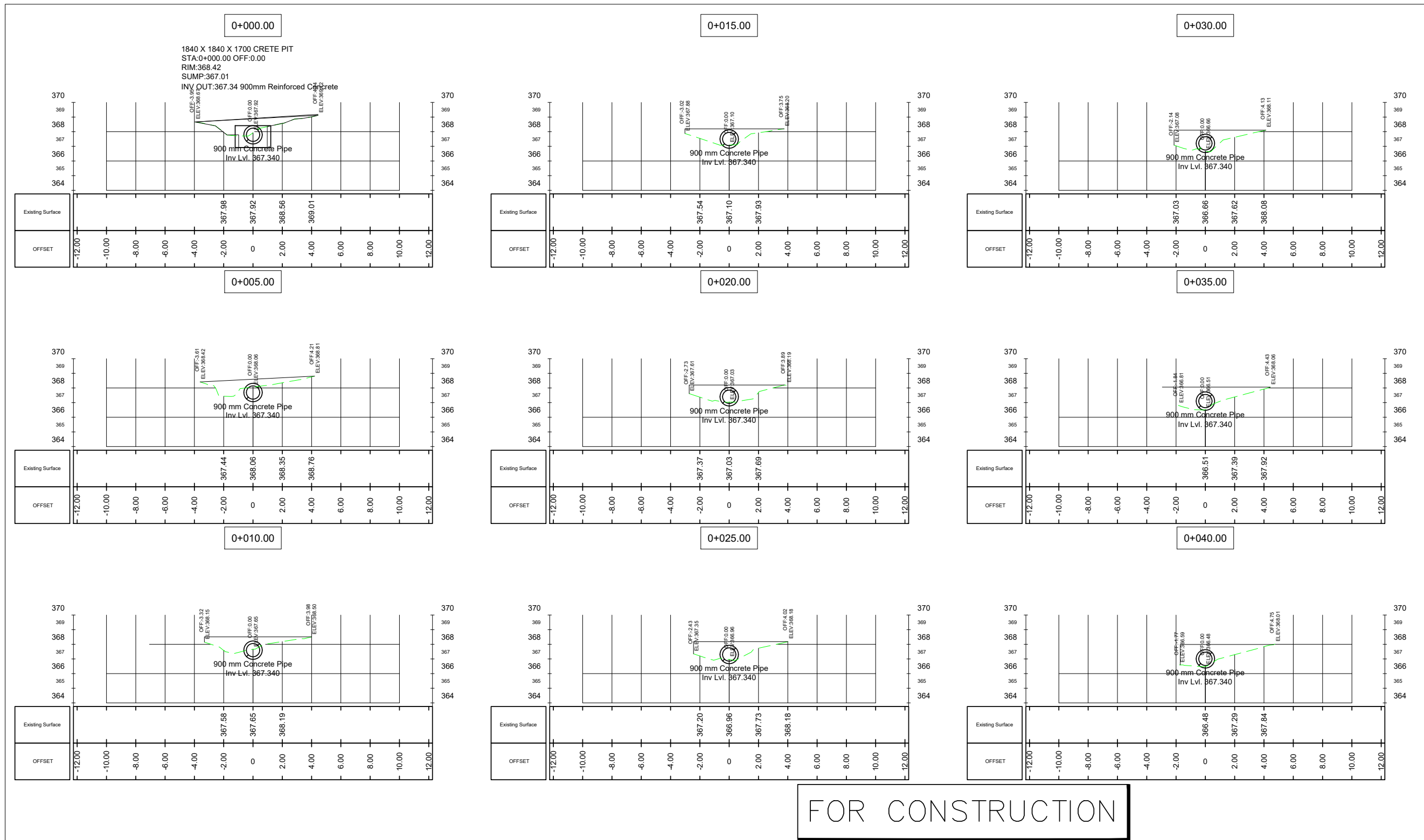
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 UNIT 10-803 KING GEORGE ROAD, SOUTH
 HURSTVILLE, 2221
 Phone: 0493303321
 email: ridengineeringcon@gmail.com

PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 Longitudinal Section View

Murweh Shire Council
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

DESIGNED BY: RR-MSC	DATE: 24/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY:	DATE: 24/2/2023	Sheet No 10	No In Set A3
DRAWING NUMBER: 202301		SIZE A3	REV 1



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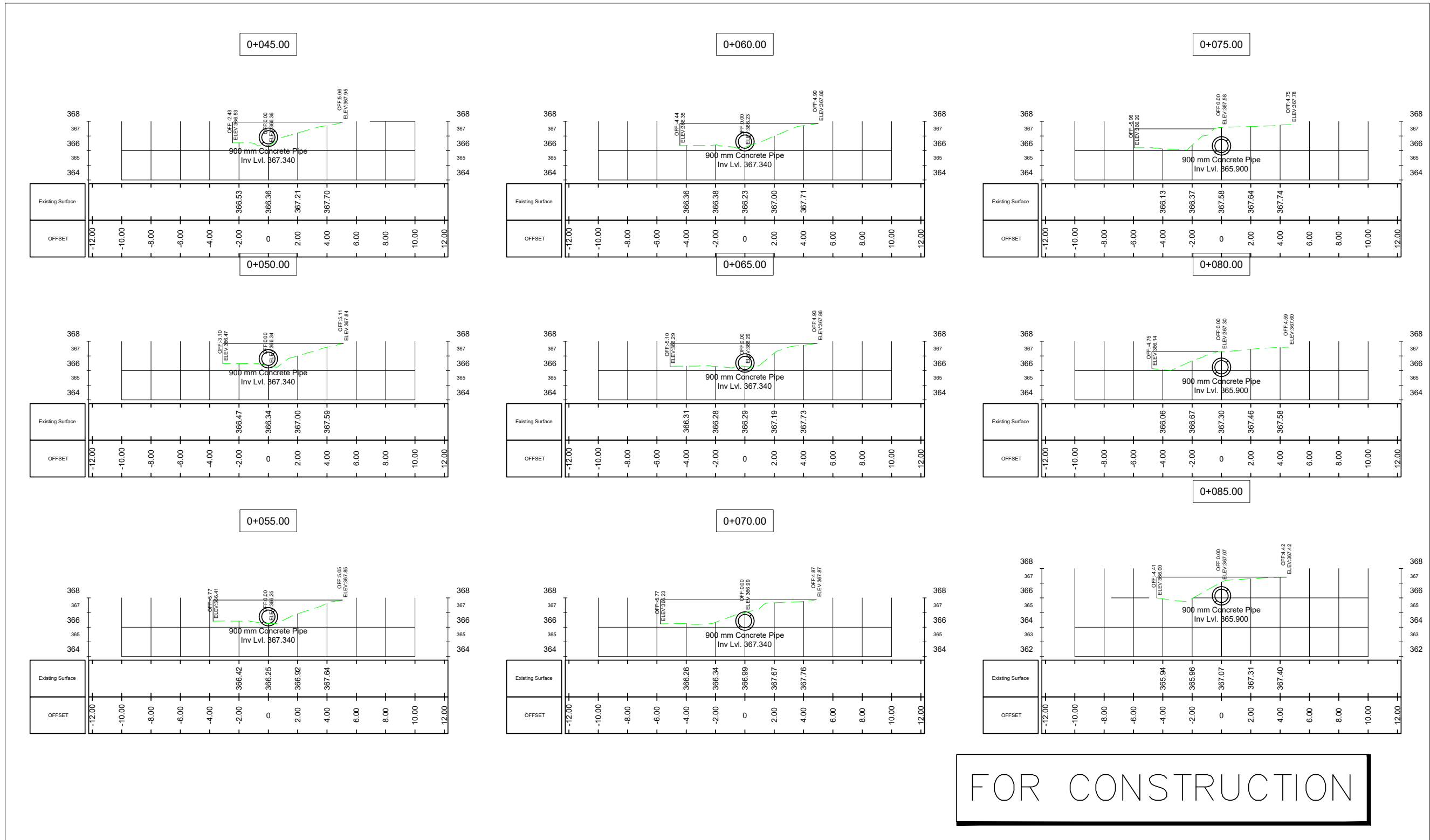
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 UNIT 10-803 KING GEORGE ROAD, SOUTH
 HURSTVILLE, 2221
 Phone: 0493303321
 email: ridengineeringcon@gmail.com

PROJECT TITLE:
Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
Cross Sections

 **Murweh Shire Council**
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

DESIGNED BY: RR-MSC	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY:	DATE: 24/2/2023	Sheet No 11	No In Set 11
DRAWING NUMBER: 202301		SIZE A3	REV 1



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 email: ridengineeringcon@gmail.com

PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

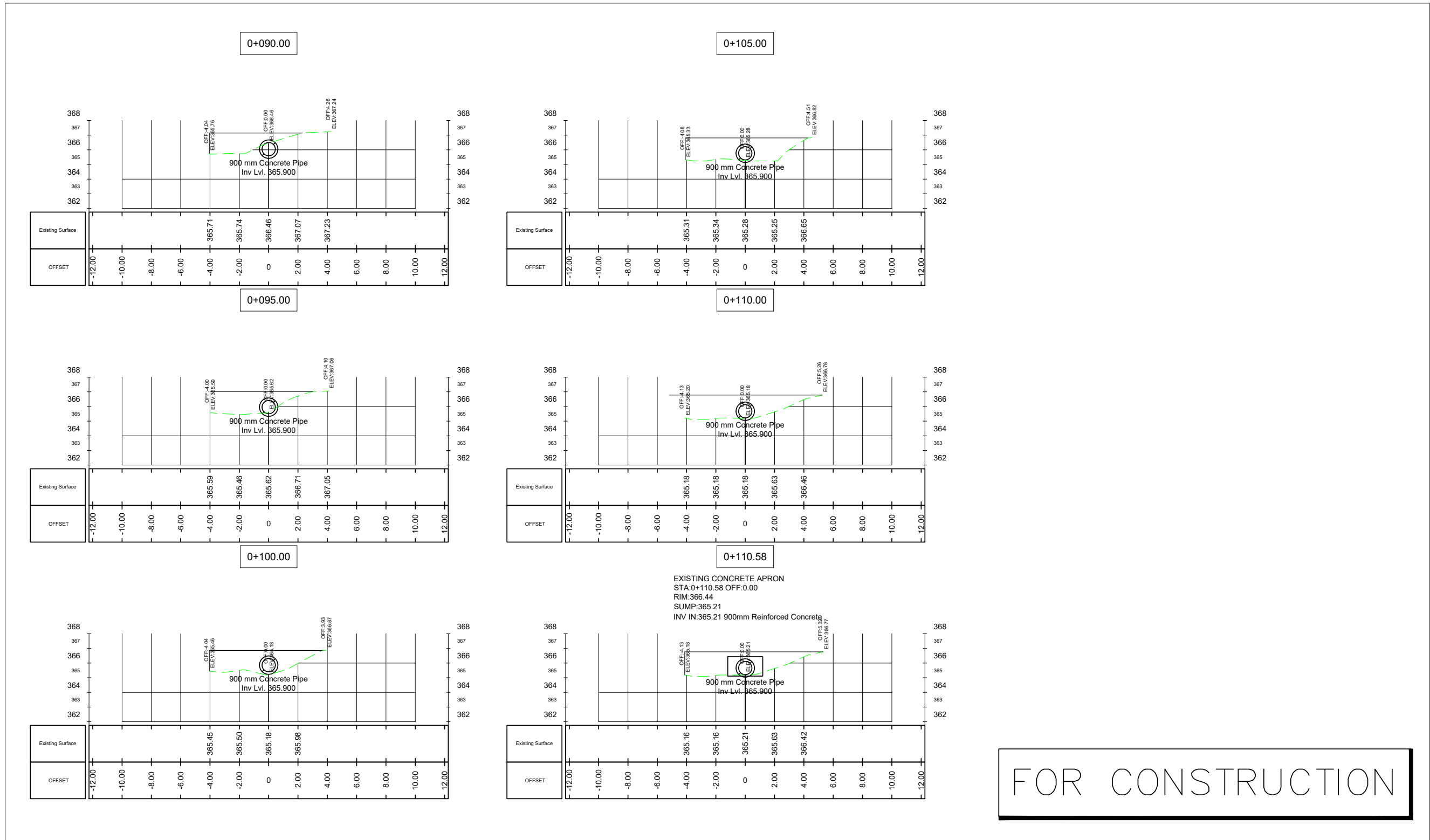
DRAWING DESCRIPTION:
 Cross Sections

Murweh Shire Council

95-101 Alfred St, PO Box 63

Charleville Q 4470

DESIGNED BY: RR-MSC	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY:	DATE: 24/2/2023	Sheet No 12	No In Set A3
DRAWING NUMBER: 202301		REV 1	



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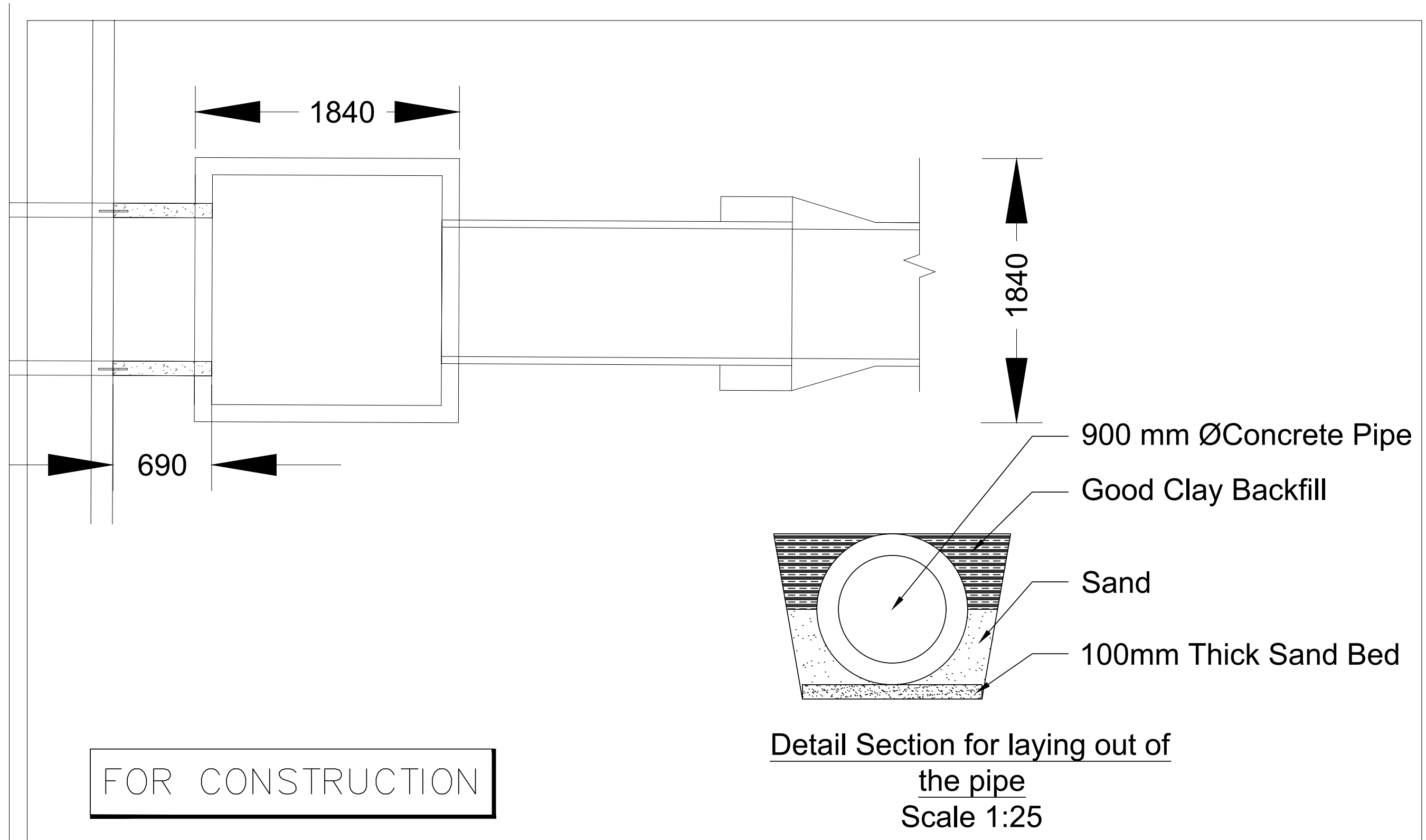
RID ENGINEERING CONSULTANCY PTY. LTD.
 UNIT 10-803 KING GEORGE ROAD, SOUTH
 HURSTVILLE, 2221
 Phone: 0493303321
 email: ridengineeringcon@gmail.com

PROJECT TITLE:
Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
Cross Sections

Murweh Shire Council
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

DESIGNED BY: RR-MS	DATE: 24/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 20/2/2023	JOB NO:	
APPROVED BY:	DATE: 24/2/2023	Sheet No 13	No In Set A3
DRAWING NUMBER: 202301		SIZE A3	REV 1




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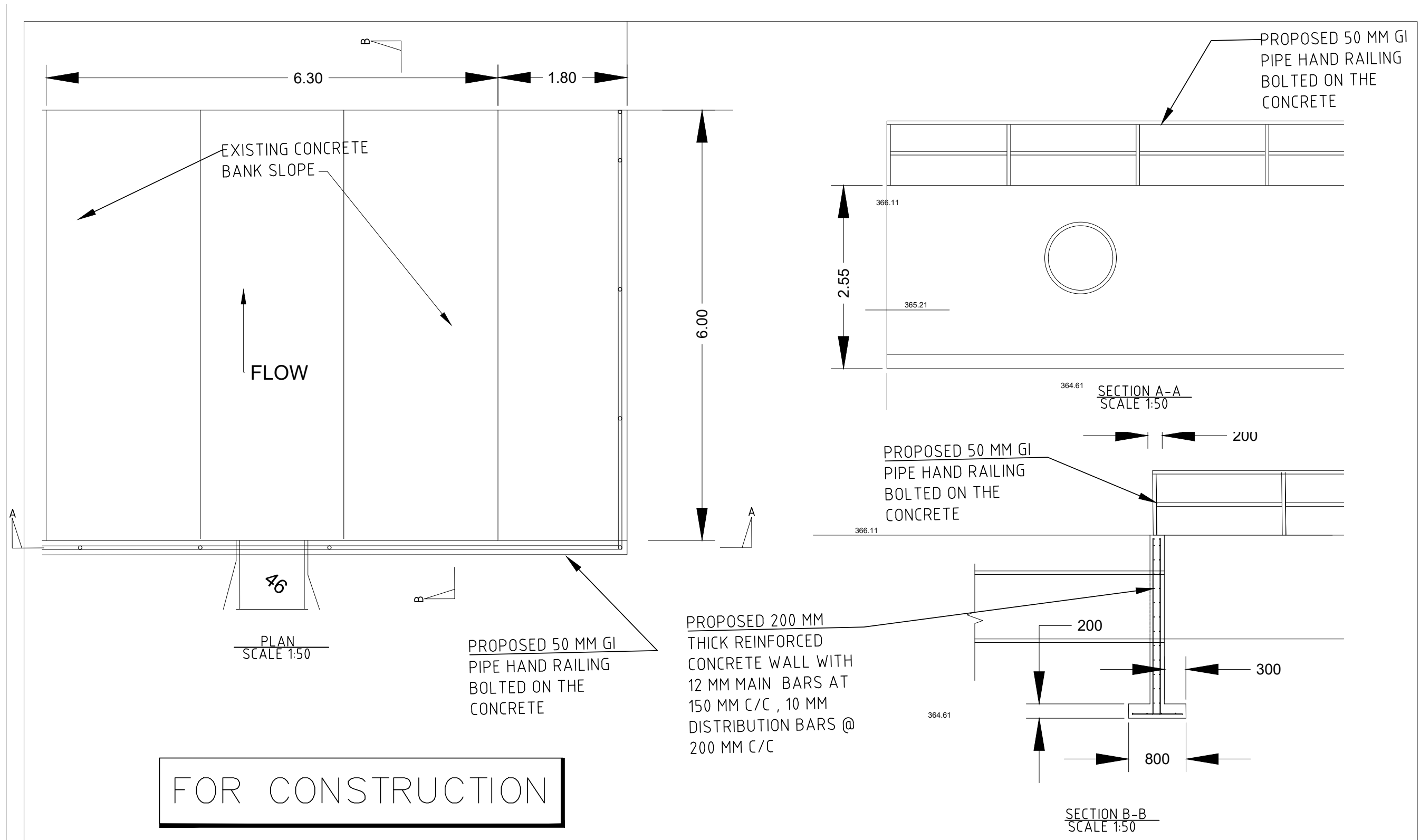
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 UNIT 10-803 KING GEORGE ROAD, SOUTH
 HURSTVILLE, 2221
 Phone: 0493303321
 email: ridengineeringcon@gmail.com

PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 Detail Sections

 Murweh Shire Council
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

DESIGNED BY: RR-MSC	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
CHECKED BY: AA	DATE: 24/2/2023	JOB NO:	
APPROVED BY:	DATE: 24/2/2023	Sheet No 14	No In Set A3
DRAWING NUMBER: 202301		SIZE A3	REV 1



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 email: ridengineeringcon@gmail.com

PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 Detail of pipe exit

 Murweh Shire Council
 95-101 Alfred St, PO Box 63
 Charleville Q 4470

DESIGNED BY: RR-MSC	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
DRAWN BY: RM	DATE: 24/2/2023	SURVEYED BY: MSC	DATE:
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APPROVED BY:	DATE: 24/2/2023	Sheet No 15	No In Set A3
DRAWING NUMBER: 202301		SIZE A3	REV 1

EARTH WORK VOLUME

CHAINAGE	AREA	AVERAGE AREA	PIPE AREA	NET AREA	LENGTH	FILL VOLUME CUM.M
0.00	6.32					
0.005	6.01	6.16	0.786	5.374	5	26.87
0.010	5.70	5.90	0.786	5.114	5	25.57
0.015	4.90	5.80	0.786	5.014	5	25.07
0.020	5.90	5.40	0.786	4.614	5	23.07
0.025	6.20	6.05	0.786	5.264	5	26.32
0.030	5.89	6.05	0.786	5.264	5	26.32
0.035	5.90	5.90	0.786	5.114	5	25.57
0.040	6.13	6.02	0.786	5.234	5	26.14
0.045	8.75	7.44	0.786	6.654	5	33.27
0.050	8.36	8.56	0.786	7.774	5	38.87
0.055	9.14	8.75	0.786	7.964	5	39.82
0.060	11.12	10.13	0.786	9.344	5	46.72
0.065	13.65	12.39	0.786	11.604	5	58.02
0.070	12.85	13.25		13.25	5	66.25
0.075	6.15	9.50		9.50	5	47.50
0.080	9.65	7.90		7.90	5	39.50
0.085	5.16	7.41		7.41	5	37.03
0.090	5.70	5.43		5.43	5	27.15
0.095	6.60	6.15		6.15	5	30.75
0.100	10.70	8.65		8.65	5	43.25
0.105	9.45	10.08		10.08	5	50.38
0.11058	12.05	10.75	0.786	10.964	5	49.82
TOTAL FILL VOLUME						815.26

EARTH WORK VOLUME

CHAINAGE	AREA	AVERAGE AREA	PIPE AREA	NET AREA	LENGTH	CUT VOLUME CUM.M
0.065	0.00					
0.070	2.65	1.35	0.786	.564	5	2.82
0.075	4.75	3.70	0.786	2.914	5	14.57
0.080	4.49	4.62	0.786	3.834	5	19.15
0.085	3.10	3.80	0.786	3.014	5	15.07
0.090	2.50	2.80	0.786	2.014	5	10.07
0.095	1.60	2.05	0.786	1.264	5	6.32
0.100	1.65	1.63	0.786	0.844	5	4.22
TOTAL CUT VOLUME						72.22


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 email: ridengineeringcon@gmail.com

PROJECT TITLE:
 Drainage Upgrade in Augethella, QLD

DRAWING DESCRIPTION:
 FILL AND CUT VOLUME



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DESIGNED BY: RR-MS	DATE: 20/2/2023	FIELD BOOK/FILE:	DATUM: AHD
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APPROVED BY:	DATE: 24/2/2023	Sheet No 16	No In Set A3
DRAWING NUMBER: 202301			

13.6 POLICY REVIEW ENG002 - GRIDS & GATES

Author: Director Engineering Services

Authoriser: CEO

RECOMMENDATION

That Council approves ENG -002 Grids & Gate Policy.

BACKGROUND**Purpose**

The purpose of this report is to provide some background information to Council and for Council to review and approve the Grids & Gate policy. (Attachment A). The policy has been updated to provide clarity and direction to Council and staff regarding the Council Grid and Gate system ensuring required standards are met.

Discussion

This Policy covers all stock control grids and gates on gazetted local roads managed by Council including urban/rural boundary grids.

Consequently, application by landowners to install a gate across a Shire Road will not be approved unless they are compliant with this Policy and approved by the Director of Engineering Services.

If a road is a known or designated stock route, it may be necessary to install a gate in addition to a grid. The arrangement of such a dual installation must be approved by the Director of Engineering Services.

The installation of a grid or gate in a dog controlled fence requires special measures to ensure that integrity of dog control is maintained. Such installations are special cases and the control measures to be taken will be specified by the Director of Engineering Services.

There are various pieces of Legislation that underpin the need to have the policy, they include:

- Local Government Act 2009
- Local Law No 1 (Administration) 2011
- Subordinate Local Law No 1.15 (Carry Out Works on a Road or Interfering with a Road or its Operation) 2011. Subordinate Local Law No 4 (Local Government Controlled Areas, Facilities and Roads) 2011

Consultation

The following staff were consulted in relation to the revision of the policy.

- CEO
- Directors
- Engineering staff

Financial Risks

Failure to implement and maintain the standards in these policies could expose Council to litigation or compensation claims.

Environmental Risks

Failure to implement and maintain the policy effectively, it could result in environment harm.

Social Risk

Proper implement of the policy will not impact social activities.

Legal Risk

Failure to implement and maintain the standards in these policies could expose Council to litigation or compensation claims.

LINK TO CORPORATE PLAN

- 1.1.1 Council has in place strategic decision-making frameworks to identify, prioritise, and meet current and future needs .

ATTACHMENTS

1. **GRIDS AND GATES POLICY** [↓](#)



Grids & gate Policy

Policy No:	ENG-002
Council Resolution Ref:	
Date Adopted:	19.01.2017
Review Date:	xx.02.2020
Version No:	2
Responsible Officer:	Director Engineering Services

Purpose

The purpose of this Policy is to provide detailed information to council to regulate the installation, maintenance, cleaning and administration of gates and grids installed a crossroads under the control of Murweh Shire Council.

There are 170 Grids and 39 Gates installed on the Council controlled road network within the Murweh Shire Council area. Council is committed to improving safety and serviceability of these gates and grids, to reduce maintenance costs to Council and Benefited Persons.

Commencement of Policy

This Policy will commence on adoption by Council. It replaces all other policies (whether written or not).

Application

This policy applies only to gates and grids across roads that are under the control of Council, excluding State controlled roads.

This Policy does not apply to gates and grids at property entrances or on property boundaries, where the gate or grid is not on a road under the control of Council.

Policy

This Policy covers all stock control grids and gates on gazetted local roads managed by Council including urban/rural boundary grids.

Consequently, application by landowners to install a gate across a Shire road will not be approved unless there are particular circumstances that in the opinion of the Director of Engineering Services, make the use of a gate in that location, acceptable.

If a road is a known or designated stock route, it may be necessary to install a gate in addition to a grid. The arrangement of such a dual installation must be approved by the Director of Engineering Services.

The installation of a grid or gate in a dog control fence requires special measures to ensure that integrity of dog control is maintained. Such installations are special cases and the control measures to be taken will be specified by the Director of Engineering Services.



Grids & gate Policy

Council has control of all roads (other than State-controlled roads) in its local government area under the Local Government Act 2009, Section 60.

In its capacity as the statutory authority with the control of roads (including gates and grids) in its local government area, Council reserves the right to remove a grid from a road in the event that the grid on the road may result in:

- a) harm to human health or safety, including the safety of vehicular or pedestrian traffic; or
- b) property damage; or
- c) nuisance; or
- d) unreasonable obstruction of vehicular or pedestrian traffic; or
- e) unreasonable prejudice to the proper maintenance of the road.

1. Objectives

The objective of this Policy is to ensure that:

- a. Installation and maintenance of gates and grids meets compliance.
- b. No unreasonable interference or disruption to the use of roads occurs.
- c. Appropriate indemnities are in place to protect Council and the public against loss or damage.
- d. To guide the systemic upgrade of sub-standard grids.
- e. To provide a clear delineation between Council and Benefited Person responsibilities
- f. Grids and gates (where permitted) on public roads must meet approved standards for construction and installation.
- g. Grids falling under this Policy must continue to be maintained in a safe condition.

2. Formal procedures - Installation or replacement of a grid

- a. If the application for a new grid is approved, owner will purchase a grid (and/or gate if approved) from an approved supplier and perform the installation. This will meet Objective 1.a.
- b. The applicant / landowner will pay Council the costs of purchase and installation of the grid.
- c. Grids and gates will be inspected by Council in the normal course of operations. Any deficiency requiring maintenance will be remedied by Council as part of normal road maintenance at no cost to the grid owner. This will meet Objective 1.a.
- d. To ensure that the grid meets accepted standards, it shall be purchased by Council from a pre-qualified supplier. Currently approved suppliers are Aprilla Grids and Gridrite.
- e. The grid shall be installed on raised abutments with approach ramps where possible. Alternatively, the grid may be placed over an excavated pit with an appropriate arrangement for drainage. On roads with significant traffic, Council may elect to seal the approach to the grid with bitumen to reduce the need for ongoing maintenance.
- f. Crossfall at the grid shall conform to the crossfall of the road.



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- g. Installation of the grid shall include connection of the grid abutments to the adjacent fencing, and incorporation of a gate if approved.
 - h. Approaches to the grid shall be signposted as required by the Manual of Uniform Traffic Control Devices.
 - i. The procedures in this Section shall be followed in the event that a grid needs to be replaced.
- 3. Formal Procedure - Installation or replacement of a Gate**
- a. Application by Benefited Person to install a gate across a Council Road may only be approved in circumstances, where in the opinion of the Director of Infrastructure, the use of a gate in that location is more appropriate than a grid.
 - b. To ensure that the gate meets accepted standards, it shall be purchased and installed by property owners at their costs , including connection of the gate posts to adjacent fencing.
 - c. If a gate is found to require maintenance, it is likely to be because of structural damage. Damage of this nature will be made good by the owner as soon as possible.

4. Responsibilities

4.1 Murweh Shire Council shall be responsible for:

- 4.1.1 The Murweh Shire Council undertakes to purchase and install approved grids and gates, and to do maintenance on both Council-installed and existing installations as described in this Policy.
- 4.1.2 Grid and gate combinations and installations in dog control fences will be reviewed and approved by the Director of Engineering Services.
- 4.1.3 The installation owner will be responsible for all costs associated with purchase and installation.
- 4.1.4 The applicant for a new grid or gate on a property boundary will be responsible for obtaining approval from neighbouring property owners for the installation, and any cost-sharing agreement.
- 4.1.5 The installation and maintenance of permanent traffic signs which must be displayed of, incidental to the location of the grid on the road.



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4.2 Benefited Persons shall be responsible for:

- 4.2.1 The cleaning of grids within their property boundary.
- 4.2.2 The maintenance, repair and, where necessary, replacement, of fencing up to the side of the grid (including grids located on Exclusion Fencing);
- 4.2.3 The maintenance and repair of any gate located in the proximity of the grid.
- 4.2.4 Taking out and maintaining, in respect of the grid or gate, a public liability insurance policy which provides indemnity for each individual occurrence in an amount of not less than \$20,000,000 and producing a copy of the policy on demand by an Authorised Person of Council.
- 4.2.5 If the owners are unable to maintain the grids and gates, the owners should inform to council well in advance and Council will carry out the tasks at the owner's cost.

5. Standard of Grids

All new and replacement grids shall meet the current Department of Transport and Main Roads standard for grids. This standard (AS4100 Steel Structures - Highway Duty Standard) shall be adopted due to the high volume of road train movements across the road network. To ensure that the grid meets accepted standards, it will be purchased by Council from a pre-qualified supplier.

6. Inspections

Council shall inspect all grids as part of routine road inspections. Routine inspections will include the cleanliness of the grid (how full of dirt and debris it is) as well as signage. Grids with damaged rails or abutments may be inspected by an Authorised Person for assessment. Condition Assessments shall be carried out periodically in association with other asset assessments.

Requests for inspections that are not part of routine inspections shall be at the discretion of the Director of Infrastructure Services. Council may instruct a Benefited Person to undertake cleaning of a grid within their boundary area, at the expense of the Benefited Person.

7. Applying to install a New Grid

Where a new grid is proposed to be installed across a Council Road:

- a) The Benefited Person must apply to Council requesting to install a grid (or gate) on a road prior to any work commencing.
- b) Under a Private Works Agreement, Council will:
 - i. Undertake all works related to the grid installation only, not including installation of fencing up to the side of the grid (including grids located on Exclusion Fencing);

8. Repair of Damaged Grids

- 8.1 Where a grid is damaged but cannot be replaced, temporary repair may be considered.
- 8.2 As part of routine (or other) inspections Council shall identify and keep a register of damaged grids.



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8.3 Council shall prioritise and repair grids according to risk, class of road and availability of resources.

8.4 Structural repair of damaged grids shall be at Council's expense as part of road maintenance.

9. Removal of Grids

9.1 If Council elects to remove a grid, then the following applies:

- a) Council will not replace, or fund the replacement of:
 - i. any fencing in the proximity of the grid; or
 - ii. any gate in the proximity of the grid;
- b) the Benefited Person for the grid will be responsible for the installation, replacement, maintenance and repair of:
 - i. any fencing in the proximity of the grid; and
 - ii. any gate in the proximity of the grid.

9.2 Where the fence line adjoining a gate or grid is not maintained in a stock proof condition, the property owner will be advised and if the fence is not reinstated to Council specifications within 6 months of the date of the notification Council will remove the grid.

10. Fencing out of Grids

10.1 Council will encourage Benefited Persons to fence out a road if the fencing out of the road will facilitate the removal of one (1) or more grids on the road. Where Council is satisfied that:

- a) it is both physically and economically practical to fence out a road;
- b) the fencing out of the road will facilitate the removal of one (1) or more grids on the road;
- c) Council may facilitate the fencing out of the road by the supply, at the expense of Council, of fencing materials for use by the Benefited Person in the fencing out of the road.

10.2 If a Benefited Person constructs or installs a new fence line, for example, the subdivision of a paddock, or extends an existing fence line, and the Benefited Person wishes to prevent the passage of livestock across the new or extended fence line, at a place where the new or extended fence line crosses a road, the Benefited Person may apply to construct or install a gate or a grid, or a gate and a grid, on the road at the place where the new or extended fence line crosses the road at the expense of the Benefited Person.

11. Grids with Exclusion Fences

The installation of a grid or gate within an exclusion fence may require special measures to ensure the integrity of wild dog control is maintained. Any additional control measures must meet safety standards and are the responsibility of the Benefited Person.

12. Requirement of Public Liability of Insurance

Where the required level of Public Liability Insurance is not taken out and maintained by a Benefited



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Person, Council will after 30 days, remove any grid or gate that is not indemnified. All associated costs with its removal and disposal will be the responsibility of the Benefited Person.

Audit and Review

This policy shall be reviewed every year or as required due to changes to in legislation.

Definitions

To assist in interpretation of this policy the following definitions apply:

Authorised Person – means a staff member or authorised representative of Longreach Regional Council.

Benefited Person – (a) means the person for whose use or benefit the gate or grid was installed;

(b) The person who has the benefit of the gate or grid, or the gate and the grid, installed across the road.

Council - means Longreach Regional Council.

CEO - means Council's Chief Executive Officer or delegate.

Grid - has the meaning given in Subordinate Local Law No. 4 (Local Government Controlled Areas, Facilities and Roads) 2011.

Gate - (including electronically activated gates) has the meaning of a hinged or sliding barrier used to close an opening in a wall, fence, or hedge.

Road - has the meaning as set out under Section 59 of the Local Government Act 2009.

References

- Local Government Act 2009
- Local Law No 1 (Administration) 2011
- Subordinate Local Law No 1.15 (Carry Out Works on a Road or Interfering with a Road or its Operation) 2011. Subordinate Local Law No 4 (Local Government Controlled Areas, Facilities and Roads) 2011



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Version Control

Version No.	Date	Approved	Amendment
1.0	19/01/2017	Neil Polglase	
2	16/03/2023	Sabine Taylor	Purpose, Application, objectives, 3b, 3c, deleted title of nonstandard grid and gate maintenance, adding of 4.1.5, adding of 4.2.5, additional cluse of 5, 6, 7, 8 , 9, 10, 11, 12, definitions and references

Approval

Chief Executive Officer		Sabine Taylor	
Date:	16/03/2023	Signature:	

14 CORRESPONDENCE FOR CONSIDERATION

Nil

15 CONFIDENTIAL MATTERS

Nil

16 CLOSURE