

# ADDENDUM

---

**Meeting:** General Meeting

**Date:** Wednesday 19<sup>th</sup> July 2023

**Location:** Council Chambers,  
Georgetown

**Commencing:** 9.00am

**Councillors:** Cr B Hughes, L Royes, J Haase, T  
Gallagher, C Barns

## Open Session Addendum Attached

CHIEF EXECUTIVE OFFICER

---

CONFIDENTIAL

## Local Government Act 2009

The principles (s4(2)) of the Act are:

- Transparent and effective processes, and decision-making in the public interest
- Sustainable development and management of assets and infrastructure, and delivery of effective services
- Democratic representation, social inclusion and meaningful community engagement
- Good governance of, and by, local government
- Ethical and legal behavior of councillors and local government employees

## S.275 – Local Government Regulation 2012

### 275 Closed meetings

- (1) A local government or committee may resolve that a meeting be closed to the public if its councillors or members consider it necessary to close the meeting to discuss –
  - Appointment, dismissal or discipline of a CEO or a BCC senior executive employee
  - Legal advice obtained by the Council or legal proceedings involving the Council
  - Matters that may directly affect the health and safety of an individual or group
  - Negotiations relating to a commercial matter involving the Council
  - Negotiations relating to the taking of land by the Council under the *Acquisition of Land Act 1967*
  - A matter required to be kept confidential under a law of, or formal arrangement with, the Commonwealth or a State
  - Industrial matters affecting employees
  - The Council budget
  - Rating concessions
- (2) A resolution that a meeting be closed must state the nature of the matters to be considered while the meeting is closed.
- (3) A local government or committee must not make a resolution (other than a procedural resolution) in a closed meeting.

## **TABLE OF CONTENTS**

<b>CONSIDERATION OF ADDENDUM OPEN SESSION REPORTS</b>
---

<b>CHIEF EXECUTIVE OFFICER</b>
--------------------------------

<b>1</b>		
Shire Bus Request		4-5
<b>2</b>		
Motion for LGAQ Conference		6-10
<b>3</b>		
Annual Valuation effective 30 June 2024		11-12
<b>4</b>		
Grid Application		13-19



# Etheridge Shire Council

---

<b>General Meeting</b>	19 <sup>th</sup> July 2023
<b>Subject:</b>	Shire Bus Request
<b>Classification:</b>	Open
<b>Author:</b>	Renee Bester – Executive Assistant

---

## EXECUTIVE SUMMARY

Council has received correspondence regarding a request for a Shire bus. This request follows the change in ownership of Bedrock Village and Undara Experience. The transport of students is no longer covered by insurance, and therefore Discovery Parks no longer approve their vehicles for this use. Principle of Mt Surprise State School, Brooke Chudleigh, has requested consideration of a shire community bus in order to minimise the effect this change will have on the students and community members of Mt Surprise.

## RECOMMENDATION

That Council formally receive the correspondence and advise the Mt Surprise State School that in this instance Council is unable to fund the purchase of a Community Bus for Mt Surprise, however is more than willing to advocate on behalf the Mt Surprise State School to Education Queensland for greater assistance so the school can transport students to much needed learning activities.

---

## BACKGROUND

For the last twenty years Mount Surprise State School, and locals alike, have had access to the Bedrock Village bus to take students on excursions, camps and most importantly swimming lessons at our local Shire pool some 110kms away. As you are aware, in recent months Discovery Parks Australia has purchased Bedrock Village which in turn has lead to considerable changes for the School and the community at large.

Discovery Parks insurance for bus transportation is limited to passengers or visitors participating in transfers between paid activities offered by the park at Mount Surprise and Undara Experience. The students of Mount Surprise State School can therefore only access the bus for activities involving the Savannahlander and Undara Experience. The manager of both Discovery Park Mount Surprise and Undara Experience, Mark Watkins, has generously donated the bus for activities between these two locations to ensure our students have access to some local activities for the purposes of History and Geography lessons.

Discovery Parks considered the donation of a bus to the school community but with recent bus accidents involving school children their legal department in Adelaide did not approve this for publicity reasons. Our small P&C includes all nine mothers of the school who actively raise considerable funds in respect to the size of the committee. However, with such a small P&C their main objectives this year for raising money include; a new round of uniform purchases and a school camp to Canberra and the snow. Consideration and saving for a bus in the past has never been required due to unlimited access provided by the previous owners of Bedrock Village. The capacity to raise the tens of thousands for a bus and the annual \$5,000 in annual maintenance fees is not feasible.

I am not only writing with concern to the limitations this places on our remote school students and their access to the wider community to support their education and awareness of the world around them but also the community and shire at large. With no local bus company within 150km, the closest being Mount Garnet who are bound to the school pick up and drop off run, we have no way of transporting students and locals to attend events not only in the Shire but also the region. Post Covid-19 and our remote location a bus has provided a lifeline and exposure to the

wider community for many years, experiences that are pertinent to the education and development of our community.

I ask council to consider the detrimental impact, of no access to a bus for the community, when considering budgets for the next financial year and to explore viable options to provide a bus for the Ethridge Shire community.

LINK TO CORPORATE PLAN

Corporate Aim No.1: A sustainable transport network that meets community needs.

Strategy No. 1.3.3: Advocate for improved rail and bus services.

Corporate Aim No. 4: Quality social infrastructure makes the shire a desirable place to live

Strategy No. 4.2.5: Advocate and facilitate for improvements in educational services to be provided within the shire

BUDGET & RESOURCE CONSIDERATIONS

No budget consideration for 2023/2024

CONSULTATION

Nil

LEGAL CONSIDERATIONS

Nil

POLICY IMPLICATIONS

Nil

RISK ASSESSMENT

CONSEQUENCE					
LIKELIHOOD*	Insignificant 1	Minor 2	Moderate 3	Major 4	Catastrophic 5
A (Almost certain)	H	H	E	E	E
B (Likely)	M	H	H	E	E
C (Possible)	L	M	H	E	E
D (Unlikely)	L	L	M	H	E
E (Rare)	L	L	M	H	H

The Risk is assessed as L – Low: The Likelihood is D (Unlikely), with an insignificant consequences.

<b>Report Prepared By:</b>	<b>Report Authorised By:</b>
Renee Bester, Executive Assistant	Ken Timms, Chief Executive Officer
Date: 17/07/2023	Date: 17/7/23

ATTACHMENTS



# Etheridge Shire Council

<b>General Meeting</b>	19 <sup>th</sup> July 2023
<b>Subject:</b>	Motion for LGAQ Conference
<b>Classification:</b>	Open
<b>Author:</b>	Ken Timms – CEO

## EXECUTIVE SUMMARY

Proposed motion to be raised at the Annual LGAQ Conference.

The motion's focus is on the State Government to pressure for solutions, hopefully removing the need for ILUAs, but if that is not possible expediting the process of securing ILUAs and, most importantly of all, guaranteeing to pay all the costs involved in negotiating them and any ongoing costs e.g., royalties, employment guarantees, etc.

Etheridge Shire Council is needing to negotiate 201 ILUAs over the next couple of years. A huge cost to Council and jeopardies future road works jobs in the shire.

## RECOMMENDATION

That Council propose the following motion at the Annual LGAQ Conference:-

That the LGAQ calls on the State Government to give greater priority to finding solutions to the unrealistic demands and high costs being imposed on councils renewing Quarry Sales Permits by the Department of Agriculture and Fisheries' (DAF) interpretation of the Native Title Act 1993 (NTA) and future action requirements.

## BACKGROUND

Due to the unrealistic burden on Shires resources, in conjunction with other Western Councils, that the proposed motion be put forward for debate at the Annual LGAQ Conference.

“Renewal of Quarry Sales Permits – Urgent State Government Action to Resolve the Unrealistic Requirements for Indigenous Land Use Agreements Prior to Granting a Quarry Sales Permit”

Please also refer to the attached proposed motion recommended by the NWQROC Executive.

In 2022 the Department of Agriculture and Fisheries adopted a new interpretation of the Native Title Act 1993 (NTA) requiring councils seeking a renewal of their quarry sales permits to extract gravel for road construction and maintenance, to first undertake a Native Title Assessment and negotiate an Indigenous Land Use Agreement (ILUA) as it is deemed a “future act”.

Information obtained from DAF has identified Etheridge Shire Council needing to negotiate 201 ILUAs, whilst our neighbouring shires of Croydon require 160 and Carpentaria 64. Across Western Queensland the regions and councils impacted are as follows:

Region	Councils Impacted	ILUAs required
NWQROC	8/10	686
RAPAD	6/7	236
SWQROC	6/6	127
<b>Total</b>	<b>20/23</b>	<b>1069</b>

This situation applies across other regions.

The major cost, delays, job losses and resultant overall dislocation caused to council work programs, as well as DTMR, by these requirements make it imperative that the State explores every possible response including legal action, and legislative and policy change to urgently resolve the situation.

As it is also understood this situation is unique to Queensland with no such action being required in other jurisdictions, it is incumbent on the Queensland Government to expedite a solution and bear all costs involved as the current situation is a consequence of State government decision making.

**BUDGET & RESOURCE CONSIDERATIONS**

No budget consideration for 2023/2024

**CONSULTATION**

Nil

**LEGAL CONSIDERATIONS**

Nil

**POLICY IMPLICATIONS**

Nil

**RISK ASSESSMENT**

<b>CONSEQUENCE</b>					
<b>LIKELIHOOD*</b>	<b>Insignificant 1</b>	<b>Minor 2</b>	<b>Moderate 3</b>	<b>Major 4</b>	<b>Catastrophic 5</b>
A (Almost certain)	H	H	E	E	E
B (Likely)	M	H	H	E	E
C (Possible)	L	M	H	E	E
D (Unlikely)	L	L	M	H	E
E (Rare)	L	L	M	H	H

The Risk is assessed as L – Low: The Likelihood is D (Unlikely), with an insignificant consequences.

<b>Report Prepared By:</b>	<b>Report Authorised By:</b>
Ken Timms, Chief Executive Officer	Ken Timms, Chief Executive Officer
Date: 17/07/2023	Date: 17/7/23

**ATTACHMENTS**

## 2023 LGAQ Annual Conference – Motions template

<b>Who is the key contact for this motion?</b> (required)	
<b>Submitting council</b> (required)	Etheridge Shire Council
<b>Supporting organisation</b> (if applicable)	NWQROC, SWQROC, RAPAD, WQAC
<b>Council resolution #</b> (required)	
<b>Date of council resolution</b> (required)	Please select the date of resolution here
<input checked="" type="checkbox"/> Does this motion have state-wide relevance? <b>(This is a required field)</b>	
<b>Title of motion</b> (required)	Renewal of Quarry Sales Permits – Urgent State Government Action to Resolve the Unrealistic Requirements for Indigenous Land Use Agreements Prior to Granting a Quarry Sales Permit
<b>Motion</b> (required)	That the LGAQ calls on the State Government to give greater priority to finding solutions to the unrealistic demands and high costs being imposed on councils renewing Quarry Sales Permits by the Department of Agriculture and Fisheries' (DAF) interpretation of the Native Title Act 1993 (NTA) and future action requirements.
<b>What is the desired outcome sought?</b> (required) 200 word limit	For DAF to review its new interpretation of the NTA to remove the requirement for councils to undertake Native Title assessment before renewing quarry sales permits on State land. Alternatively, and only if the requirement for Native Title Assessment cannot be avoided, for DAF in conjunction with the Departments of Transport and Main Roads, and Resources to develop a streamlined, no cost template Indigenous Land Use Agreement (ILUA) to expedite ILUA negotiation and decision-making processes and guarantee that any related costs will be borne by the State Government.

**Background**  
(required) 350 word limit

In 2022 the Department of Agriculture and Fisheries adopted a new interpretation of the Native Title Act 1993 (NTA) requiring councils seeking a renewal of their quarry sales permits to extract gravel for road construction and maintenance, to first undertake a Native Title Assessment and negotiate an Indigenous Land Use Agreement (ILUA) as it is deemed a “future act”.

Information obtained from DAF has identified Etheridge Shire Council needing to negotiate 201 ILUAs, whilst our neighbouring shires of Croydon require 160 and Carpentaria 64. Across Western Queensland the regions and councils impacted are as follows:

Region	Councils Impacted	ILUAs required
NWQROC	8/10	686
RAPAD	6/7	236
SWQROC	6/6	127
<b>Total</b>	<b>20/23</b>	<b>1069</b>

This situation applies across other regions.

The major cost, delays, job losses and resultant overall dislocation caused to council work programs, as well as DTMR, by these requirements make it imperative that the State explores every possible response including legal action, and legislative and policy change to urgently resolve the situation.

As it is also understood this situation is unique to Queensland with no such action being required in other jurisdictions, it is incumbent on the Queensland Government to expedite a solution and bear all costs involved as the current situation is a consequence of State government decision making.

**Case study/ Example**  
(optional) 350 word limit

Please include any relevant local case studies or examples to support this motion that effectively demonstrate and

	communicate the importance of the matter.
--	---



# Etheridge Shire Council

---

<b>General Meeting</b>	19 <sup>th</sup> July 2023
<b>Subject:</b>	Annual Valuation Project Effective 30 June 2024
<b>Classification:</b>	Open
<b>Author:</b>	Renee Bester – Executive Assistant

---

## EXECUTIVE SUMMARY

Council has received correspondence from the Valuer General, Department of Resources seeking Council's views in relation to the revaluation of your local government area as part of the 2024 revaluation program that will take effect on 30 June 2024. Consistent with the Land Valuation Act 2010, Council is required to advise of their support or otherwise for a revaluation in 2024.

## RECOMMENDATION

That Council formally receive the correspondence for the Annual Valuation Project to be undertaken by the Department of Resources effective 30 June 2024 and advise the Valuer-General, Department of Resources that Council has no objections to the project.

---

## BACKGROUND

Council has received correspondence from the Valuer General, Department of Resources seeking Council's views in relation to the revaluation of your local government area as part of the 2024 revaluation program that will take effect on 30 June 2024.

The Land Valuation Act 2010 requires that the Valuer-General undertakes an annual valuation of rateable land, but they may decide not to do so in a local government area after considering:

- a market survey report for the local government area that reviews the sales of land and the probable impact of those sales on the value of land since the last annual valuation
- the results of consultation with the local government for the area and appropriate local and industry groups.

The State Valuation Service (SVS) is currently considering a range of factors, including the timing of the last valuation and market movements. The SVS will continue to monitor the property market. Consistent with the Act, please advise me of your support or otherwise for a revaluation in 2024.

## LINK TO CORPORATE PLAN

Nil

## BUDGET & RESOURCE CONSIDERATIONS

Nil

## CONSULTATION

Nil

## LEGAL CONSIDERATIONS

Nil

## POLICY IMPLICATIONS

Nil

RISK ASSESSMENT

CONSEQUENCE					
LIKELIHOOD*	Insignificant 1	Minor 2	Moderate 3	Major 4	Catastrophic 5
A (Almost certain)	H	H	E	E	E
B (Likely)	M	H	H	E	E
C (Possible)	L	M	H	E	E
D (Unlikely)	L	L	M	H	E
E (Rare)	L	L	M	H	H

The Risk is assessed as L – Low: The Likelihood is D (Unlikely), with an insignificant consequences.

---

**Report Prepared By:**

**Report Authorised By:**

Renee Bester, Executive Assistant

Ken Timms, Chief Executive Officer

Date: 17/07/2023

Date: 17/7/23

---

ATTACHMENTS



# Etheridge Shire Council

<b>General Meeting</b>	19 <sup>th</sup> July 2023
<b>Subject:</b>	Grid Application – Littleton National Park
<b>Classification:</b>	Open
<b>Author:</b>	Renee Bester – Executive Assistant

## EXECUTIVE SUMMARY

Council has received an Application for a Grid to be installed on Mount Little Road, Gilbert River on the Littleton National Park Boundary. The grid will replace an existing 4 metre gate.

## RECOMMENDATION

That Council formally accept and approve the Grid Application as presented to be located on the Mount Little Road, Gilbert River on the Littleton National Park Boundary subject to the following conditions (included in application):

- Agreement to urgent maintenance work
- Agreement to remove grid and make good

## BACKGROUND

Application for a grid attached including policy and photos.

## LINK TO CORPORATE PLAN

Corporate Aim No.1: A sustainable transport network that meets community needs.

## BUDGET & RESOURCE CONSIDERATIONS

Nil

## CONSULTATION

Nil

## LEGAL CONSIDERATIONS

Nil

## POLICY IMPLICATIONS

Nil

## RISK ASSESSMENT

<b>CONSEQUENCE</b>					
<b>LIKELIHOOD*</b>	<b>Insignificant 1</b>	<b>Minor 2</b>	<b>Moderate 3</b>	<b>Major 4</b>	<b>Catastrophic 5</b>
A (Almost certain)	H	H	E	E	E
B (Likely)	M	H	H	E	E
C (Possible)	L	M	H	E	E
D (Unlikely)	L	L	M	H	E
E (Rare)	L	L	M	H	H

The Risk is assessed as L – Low: The Likelihood is D (Unlikely), with an insignificant consequences.

---

**Report Prepared By:**

Renee Bester, Executive Assistant

Date: 17/07/2023

**Report Authorised By:**

Ken Timms, Chief Executive Officer

Date: 17/7/23

---

**ATTACHMENTS**



# ETHERIDGE SHIRE COUNCIL

41 St George Street, Georgetown QLD 4871 Australia  
 Phone: (07) 4079 9090 Fax: (07) 4062 1285 Email: info@etheridge.qld.gov.au

...The Golden Heart of the Gulf

ABN 57 665 238 857

Address all correspondence to:  
 The Chief Executive Officer  
 PO Box 12  
 GEORGETOWN QLD 4871

## APPLICATION FOR A GRID

Applicant's Name	Joshua Smith
Applicant's Address	83 Main Street, Atherton 4883
Phone Number	0439 447 666
Email Address	josh.smith@des.qld.gov.au

Road on which grid is to be installed	Mount Little Road, Gilbert River, Q 4871
Name of property adjoining road	Grid to be installed on Littleton National Park Boundary
Property Description	Lot 3 Plan AP19375
Chainage at which grid is to be installed	Replacing existing 4m gate
From (specific feature) E.g. 7.2 km from Kennedy Highway Turnoff.	2.3km East of the Little River Bridge on Gulf Development Road
GPS CORDS	E 142°41'37" N -18°15'40"

Attach a map depicting location of grid.

Is grid to be installed a pre-fabricated grid?  Yes  No

If so – Name of Manufacturer

GRIDRITE - GR-RG400, AS 5100 Compliant, 4m Span with galvanised wings

Is an Engineers compliance certificate enclosed?  Yes  No

**(Grids must conform to 1993 Austroads Design Code, T44 and W 70 loadings)**

Name of Licensed Insurer	Queensland Government Insurance Fund
Policy Number	QG0015
Amount Insured	\$10,000,000
Currency Period	30/06/2023

This insurance cover is required for the period from the commencement of construction.

The applicant/s hereby acknowledge, that should approval be granted, such approval shall be subject to the terms and conditions, outlined in Council's Grid Policy, and to which terms and conditions, the applicants hereby agree to abide.



# ETHERIDGE SHIRE COUNCIL

41 St George Street, Georgetown QLD 4871 Australia  
Phone: (07) 4079 9090 Fax: (07) 4062 1285 Email: info@etheridge.qld.gov.au

...The Golden Heart of the Gulf

ABN 57 665 238 857

Address all correspondence to:  
The Chief Executive Officer  
PO Box 12  
GEORGETOWN QLD 4871

### Agreement to urgent maintenance work

The landowner (licensee) hereby agrees that, in the event of urgent maintenance work required on a grid to alleviate a hazardous situation, where the Council has become aware of the need, and where it has made a reasonable effort to contact them, but are unable to do so within 7 days, and/or for all that repair work not completed within the time stated on a Defect Notice, to pay Council for all costs incurred for the work carried out. Note that this does not relieve the landowner from his responsibility in relation to due diligence and public safety.

### Agreement to remove grid and make good

The landowner (licensee) hereby agrees that, in the event of the license being relinquished by the landowner, or cancelled by Council, the landowner (licensee) shall be responsible for removing the grid and appurtenances from the road and reinstating the roadway in accordance with Council's policy. If the removal is not completed by the required time, or to the satisfaction of Council, and Council undertakes the work, the landowner (licensee) agrees to pay Council for all costs incurred in removing the grid.

Dated this Monday, 5th day of June 2023

Joshua Smith

.....

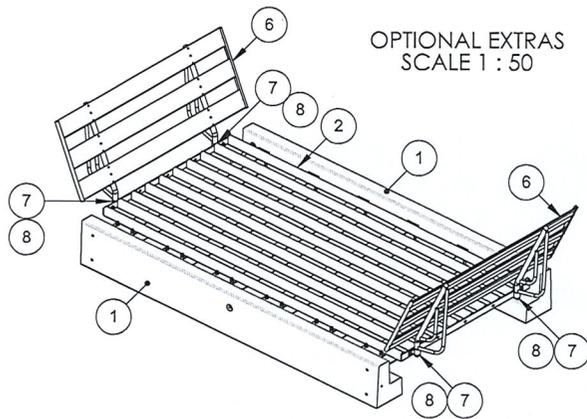
Applicant's Name

Applicant's Name

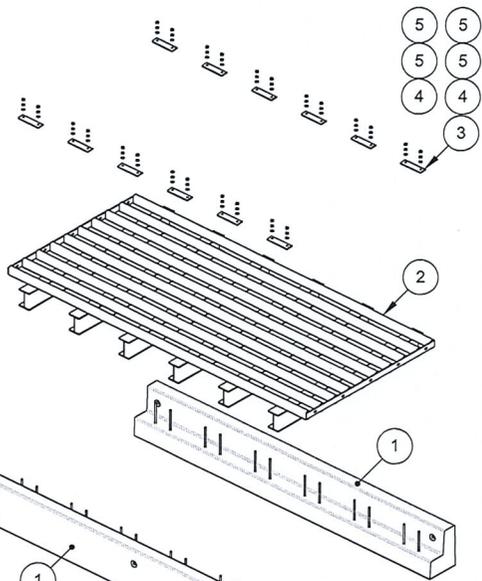
.....

Applicant's Signature

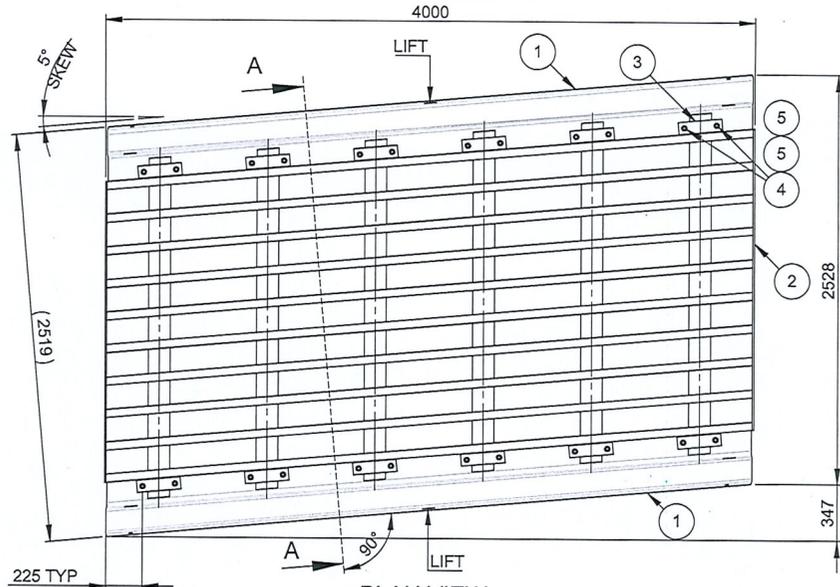
Applicants Signature



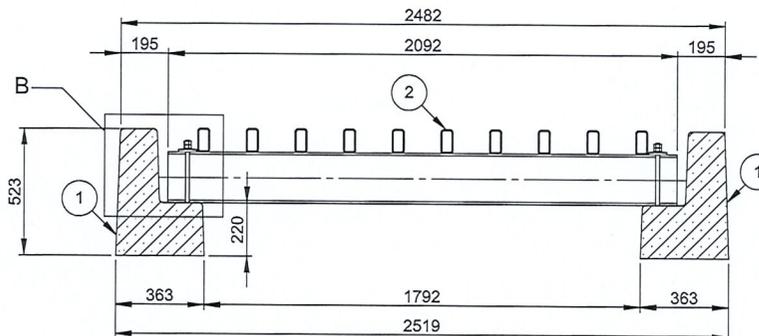
OPTIONAL EXTRAS  
SCALE 1 : 50



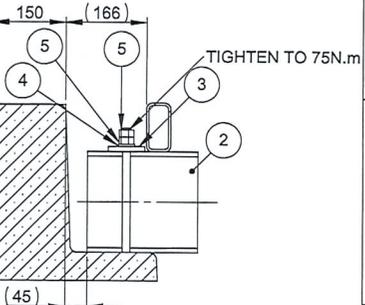
EXPLODED VIEW  
SCALE 1 : 50



PLAN VIEW  
SCALE 1:30



SECTION A-A  
SCALE 1 : 20



DETAIL B  
SCALE 1 : 10

NOTES:

- WING HOLDER BOLTS ARE NOT STRUCTURAL & ARE USED FOR LOCATING PURPOSES ONLY.
- LOCATING PLATES ARE NON STRUCTURAL & PURPOSELY DESIGNED NOT TO TOUCH WHEN USED WITH ANOTHER STEEL SEGMENT.
- ABUTMENT ENDS TAPER 1.5% TO ALLOW FOR CROSS FALLS WHEN BUTTED TOGETHER.

OPTIONAL EXTRAS			
ITEM NO.	QTY.	Title	Weight
6	2	WING ASSEMBLY	26.3
7	4	WING HOLDER	1
8	4	M16x50 WING HOLDER BOLT	0.2

SITE LIST			
ITEM NO.	Title	QTY.	Weight
1	RATED GRID 4000 - ABUTMENT	2	1260
2	RATED GRID SEGMENT - 4000mm	1	807
3	RATED GRID CLAMP PLATE	12	1.5
4	M16 GR 4.6 GAL WASHER	24	0.0
5	M16 GR 4.6 GAL HEX NUT	48	0.0

REV	DESCRIPTION	BY	DATE
3	NOTES ADDED.	S.J.M.	30.06.16
2	RE-ISSUED.	S.J.M.	15.06.16
1	RE-ISSUED	S.W.	02.02.15

**GRIDRITE**

PHONE: 0741 235 522 E-MAIL: info@steelite.com.au  
 FAX: 0741 215 055 LOT 6 PHILLIP CRT MARYBOROUGH QLD 4650

ABUTMENT VOLUME: 0.50m3 MASS/UNIT: 3404 Kg

88 Springvale Rd Maryborough, QLD 4650  
 P: 07 4121 4321 M: 0448 464746

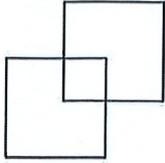
THE drawingoffice

www.thedrawingoffice.com.au

DRAWN SW	DATE 17.10.14
CHECKED J.R.	DATE 20.10.14
APPROVED	DATE
SCALE 1:30	DRAWING No. GR-RG4000

DIMENSIONS IN MILLIMETERS DO NOT SCALE	
TITLE RATED GRID - RG4000	
PROJECT RG4000	SHEET No. 1 OF 1

A3
REV. 3



**KNIGHT CONSULTING ENGINEERS PTY. LTD.**

ACN 144 624 199, ABN 26 144 624 199

**STRUCTURAL DESIGN**

**PRECAST CONCRETE DESIGN & MANAGEMENT**

**PO Box 100 Wellers Hill Qld 4121**

**102 Annerley Road, South Brisbane Qld 4101**

**Ph: (07) 3391 0126 Fax: (07) 3891 6883**

7 December 2016

Ref: 161043

GRIDRITE

Lot 6 Phillip Crt

Maryborough Qld 4650

**RE: RG Grid Certification**

We hereby certify that we have assessed the structural elements for adequacy of the Gridrite RG set of grids, as shown on Gridrite Drawings GR-RG-E Sheets 1 to 4 (Rev. 0). The RG grids have been rated for AS5100 design loads as well as axle tonnage loads. AS5100 rated grids adopt dynamic load allowance and ultimate limit state factors referenced from AS5100.2, while tonnage load rated grids have been assessed using a dynamic load factor of 1.4 and an ultimate limit state factor of 1.8. Tonnage load ratings are based on dual axles totalling the rating given, i.e. the 16 tonne rating consists of two 8 tonne axles spaced at 1.25 m, **not** a single 16 tonne axle.

SPAN	AS5100	16T AXLES*	20T AXLES*
2100	RG21AS	RG2116	RG2120
	200UB29.8	200UB22.3	200UB22.3
	100x50x4.0 G350	100x50x4.0 G350	100x50x4.0 G350
2500	RG25AS	RG2516	RG2520
	250UB31.4^	200UB22.3	200UB25.4
	100x50x4.0 G350	100x50x4.0 G350	100x50x4.0 G350

Select desired grid span and loading from the table above in order to choose grid. Example: 2500 span and rated for an axle load of 20 tonnes leads to the RG2520 grid which is comprised of 200UB25.4 bearers and 100x50x4.0 G350 RHS.

\* - total loads applied through dual axles spaced at 1.25 m.

^ - the bearer must be stepped to allow installation to the abutments. Refer details in drawings by Gridrite.

Codes and Design Criteria referenced and used in the structural analysis include the following:

- AS 1170 Parts 1 & 2 - 2002 - Structural Design Actions
- AS 3600 Concrete Structures
- AS 4100 Steel Structures
- AS 5100.2 - Bridge Design
- TN18 Design Criteria for Motor Grids

Please do not hesitate to contact this office if you require further information on any of the above.

Yours faithfully,

Grey Campbell B.E.(Hons)

R.P.E.Q. (10207)

for and on behalf of

Knight Consulting Engineers Pty Ltd



PLEASE SHUT THE GATE