

**OUR WATER STORY, IS YOUR WATER STORY**

Your ref: 2022-23605

27 June 2023

Office of the Coordinator-General  
 Planning and Development Services  
 Attention: Amanda Koenig - Principal Project Officer

Dear Amanda

**Fitzroy to Gladstone Pipeline – Aldoga Reservoirs SDA Approval (AP2022/003) – Minor Amendment**

The following information has been provided to support a minor change to the Aldoga Reservoirs State Development Area (SDA) Approval.

The Aldoga Reservoirs SDA approval was received on 30 August 2022, and since this time detailed design has progressed. As a result of the detailed design there have been minor modifications to the layout and the approved plans. These modifications are depicted in Attachment 1 – Updated Plans.

It is considered these modifications represent a minor amendment as confirmed in Table 1 where the minor change requirements presented in *Change application for an SDA approval - State Development Areas Advisory Note* (State of Queensland, August 2021) have been addressed.

*Table 1 Address of Change application for an SDA approval - State Development Areas Advisory Note*

Consideration	Comment
Generally, a minor change to an SDA approval is when, in the Coordinator-General’s opinion, the change does <b>not</b> substantially alter the original SDA approval in a way that would:	
Result in a substantially different development, for example: involve a use that is different to the approved use or result in different or additional impacts that have not been assessed as part of the process to gain the original SDA approval	The amendment does not propose any change in the approved use of the Site i.e., Utility installation (Aldoga Reservoirs and ancillary infrastructure), required to support the Fitzroy to Gladstone Pipeline (FGP).  The requested amendment is limited to an update of the approved plans (resulting from design development for the approved use) as outlined in Table 1 of condition 1.1 of the SDA approval (Ref: AP2022/003) dated 30/08/2022.
Cause (had the proposed change been assessed as part of the SDA application process to gain the original SDA approval):	

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Consideration	Comment
<ul style="list-style-type: none"> <li>the Coordinator-General or a referral entity to request additional information about the change</li> </ul>	<p>The key changes to the approved plans as outlined in Table 1 of condition 1.1 of the SDA approval (Ref: AP2022/003) are as follows:</p> <ul style="list-style-type: none"> <li>Reservoir tank orientation</li> <li>Driveway and access road alignment</li> <li>Retention of excavated material on the Site.</li> </ul> <p>Refer to additional detail of these proposed changes provided in the summary below.</p> <p>Given the site has not changed, the elements and infrastructure of the approved plans remain (i.e. two 50 ML tanks and ancillary infrastructure) and some changes have resulted from consultation as required by the SDA approval (see note below), this change is not considered to require further assessment by the Coordinator-General or any referral entity. NOTE: the driveway alignment change has resulted from consultation with Gladstone Regional Council (GRC).</p> <p>All works associated with the driveway and site access in the Aldoga Road reserve will be the subject of a GRC Construct and Maintain a Driveway application and approval to be received.</p>
<ul style="list-style-type: none"> <li>a referral entity to make or alter a referral entity submission about the change</li> </ul>	<p>Refer to response above, it is considered that the change would not require a referral entity to make or alter a submission.</p> <p>NOTE: MBJV and GAWB are liaising with referral agencies as per the SDA approval Advice as follows:</p> <ul style="list-style-type: none"> <li>GRC – driveway alignment alterations have been made based on consultation with GRC as noted above and in the summary below.</li> <li>Department of Environment and Science (DES) – protected plants exemption acknowledgement letter received for the Site on 15/08/2022 (Ref: APP0097947). Otherwise considered to meet the definition of exempt clearing under the Planning Regulation 2017, Schedule 21, Part 2, Item 2 (g) i.e., for the clearing of vegetation of freehold land ‘urban purpose in an urban area’.</li> <li>DES – further discussions have been held with DES about this matter, noting DES agreed that the works do not trigger environmentally relevant activity (ERA) 16: extraction and screening, given</li> </ul>

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Consideration	Comment
	<p>Schedule 2 of the <i>Environmental Protection Regulation 2019</i> states:</p> <p>(2) The relevant activity does not include—</p> <p>(d) extracting material from a place, other than by dredging, for constructing the foundations of a building at the place;</p> <p>(f) screening material on the site from which it has been extracted in the course of carrying out an activity mentioned in paragraphs (a) to (e).</p> <p>Noting the <i>Environmental Protection Act 1994</i> definition of a building is as follows:</p> <p>building includes—</p> <p>(a) any kind of structure; and</p> <p>(b) part of a building.</p>
<ul style="list-style-type: none"> <li>a person to make or alter a submission about the change or substantially alters any other matter of the original SDA approval</li> </ul>	The MCU was not subject to public consultation, and it considered the change would not require additional consultation.
<ul style="list-style-type: none"> <li>Substantially alters any other matter of the original SDA approval.</li> </ul>	It is considered the change does not alter any other matter of the original SDA approval.

Further information relating to condition changes to the SDA approval (Ref: AP2022/003) dated 30 August 2022 are provided below:

- Table 1 of Condition 1.1 to be amended as per the attached plans (refer to Table 2 and Attachment 1).

*Table 2 Approved plans and documents (updated)*

Title	Prepared By	Document No.	Date
Fitzroy to Gladstone Pipeline Project – Aldoga Tanks Overall Layout Plan	Stantec, MBJV	1151-DL06-STN-CIV-DRG-36004 (Rev D)	23/06/2023
Fitzroy to Gladstone Pipeline Project – Aldoga Tanks Layout Plan Roadworks	Stantec, MBJV	1151-DL06-STN-CIV-DRG-36006 (Rev C)	23/06/2023

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Title	Prepared By	Document No.	Date
Fitzroy to Gladstone Pipeline Project – Aldoga Tanks Layout Plan Reservoir Area	Stantec, MBJV	1151-DL06-STN-CIV-DRG-36007 (Rev C)	23/06/2023

- Condition 12.2 as follows (change emphasised in bold text for ease of reference only):

*Vehicle parking and access:*

*Limit access to the site to via Aldoga Road as shown on the plan titled "Fitzroy to Gladstone Pipeline Project – **Aldoga Tanks Layout Plan Roadwork**" prepared by Stantec / MBJV (Plan number: **1151-DL06-STN-CIV-DRG-36006, Rev C**) dated **23/06/2023** in Table 1.*

- Condition 12.4 as follows (change emphasised in bold text for ease of reference only):

*Vehicle parking and access:*

*The driveway is to be constructed:*

- generally in accordance with the plan titled "Fitzroy to Gladstone Pipeline Project – **Aldoga Tanks Layout Plan Roadwork**" prepared by Stantec / MBJV (Plan number: **1151-DL06-STN-CIV-DRG-36006, Rev C**) dated **23/06/2023** in Table 1*
- in accordance with the Gladstone Regional Council's Standard Drawn Urban Commercial/Industrial Driveway (CMDG-R-042A) or as agreed with Gladstone Regional Council.*

*Note: Gladstone Regional Council's standard drawing is located within the Capricorn Municipal Development Guidelines – Drawings and Specifications at <http://www.cmdg.com.au/index.html>.*

The updated plans referenced in Table 2 are presented at Attachment 1 and constitute the following changes:

- Reservoir tanks' orientation – the concept design (as per the approved plans referenced in the current SDA approval) had the 2 x 50ML tanks partially located over cut in rock area and fill embankment, which would have caused a risk to the structures from differential settlement. The orientation change is required to fully locate the tanks on rock cut where settlement will not occur and cause cracking in tanks. There is no change in the assets / infrastructure in this GAWB-owned land, just a rotation of what was already planned and hence should be considered a minor change to the SDA Approval.
- Driveway and access road – slightly realigned based on feedback from GRC (in line with requirements of SDA approval condition 12.4 and Advice), with concern expressed about the length / extent of the access road within the road corridor, and the angle of the driveway to Aldoga Road as depicted in the approved plan. The alignment has been revised and minimised to address the GRC concern; however, the elements and infrastructure of the approved plans have not changed, and it is considered should represent a minor change to the SDA Approval.
- Excavated soil is to be retained on the Site – noting the Planning Report dated 12 May 2022 referred to removal of approximately 28,000 tonnes of excavated material from the Site. The retention of this material will reduce traffic on public roads during construction and provide a foundation for a future proposed pump station on the Site by GAWB (subject to any additional approvals required). The stockpile area would be utilised during construction for a temporary laydown area, parking, and site facilities and if

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not subsequently used by GAWB for immediate operational / maintenance needs will be seeded with a grass cover awaiting a future pump station use (refer to comment above re: protected plants exemption acknowledgement letter received 15 August 2022).

In addition, an emergency overflow pipeline location has been identified (refer to 1151-DL06-STN-CIV-DRG-36004, Rev D dated 23/06/2023), it was referred to in Table 5.3: Indicative Construction Timeline in the Planning Report dated 12 May 2022. The likelihood of an emergency overflow is very low and would only occur if the following combination of events were to occur, which is considered to be exceptionally unlikely:

- The level sensor in the tanks failed; AND
- Both the primary and backup communications systems failed; AND
- The pump logic controller (PLC) at the pumps failed.

However, should it occur, the maximum discharge from the overflow pipe is 1,157 L/s (or 4.2 ML/hr) and total chlorine concentration: minimum 0.5 parts per million (ppm) to maximum 1 ppm.

A procedure will be implemented that the operator would register the alarm as soon as possible (expected within an hour) of any overflow and turn off the Alton Downs Pump Station providing water to the Aldoga Reservoirs to minimise any release. The water that overflows from the tanks will be directed via an overflow pipeline into a stilling basin (to dissipate energy) prior to overland flow into the existing dam on the adjacent property owned by Economic Development Queensland (EDQ, Lot 1 on SP26074) and GRC (Aldoga Road reserve). This matter has been discussed with both EDQ and GRC, who have indicated they are comfortable with the proposal.

If you require any further information or would like to discuss any aspect of this letter, please contact me on mobile: 0401 712 962 or email: [swakefield@gawb.qld.gov.au](mailto:swakefield@gawb.qld.gov.au).

Your faithfully



Simon Wakefield

**FGP Approvals Manager**

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# ATTACHMENT A – UPDATED PLANS

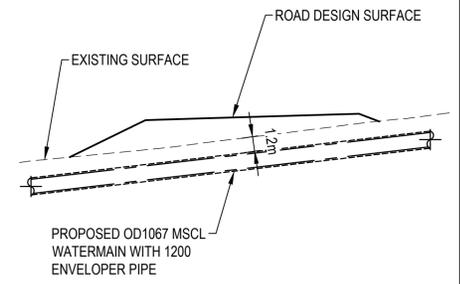
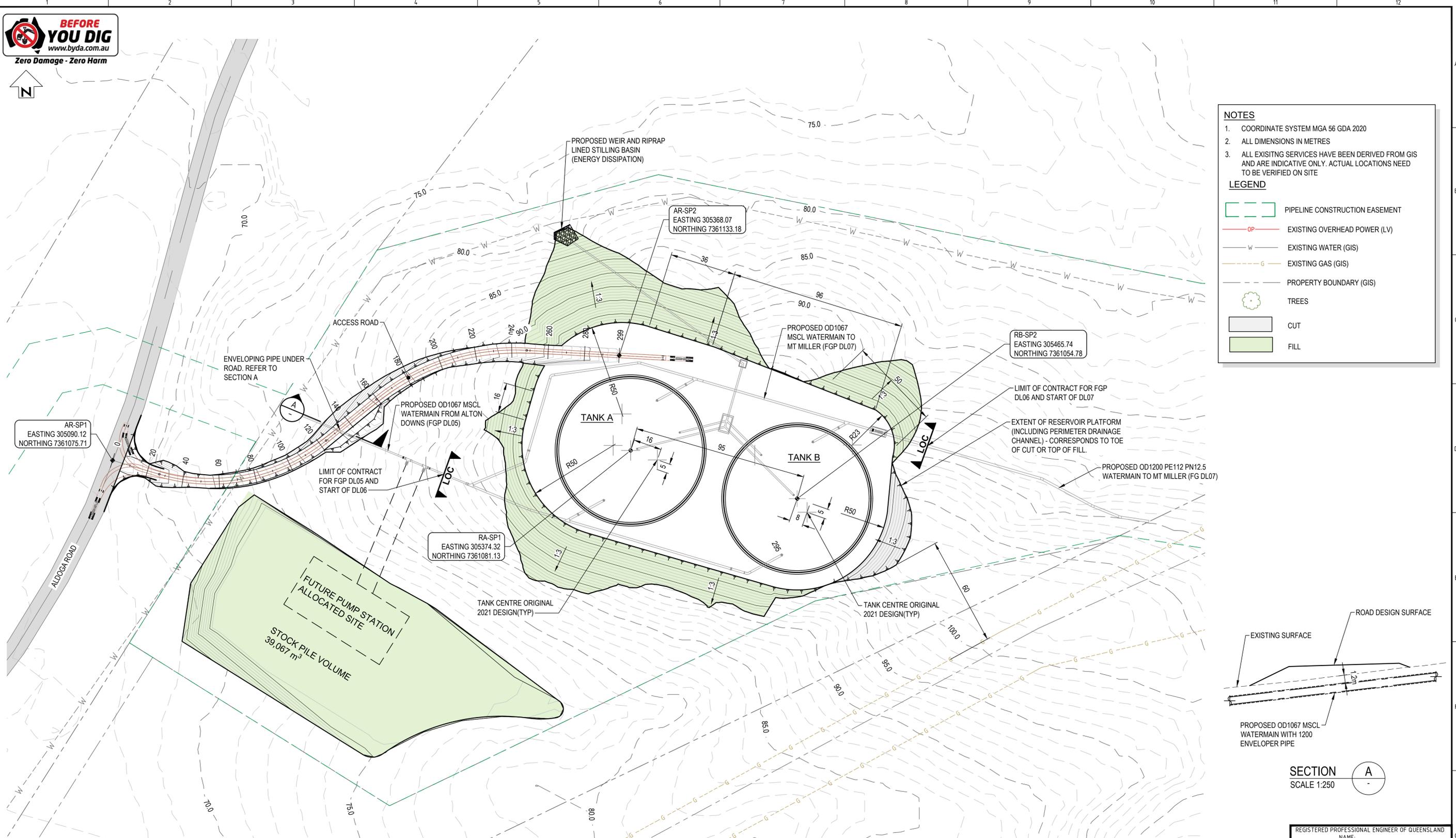


**NOTES**

- COORDINATE SYSTEM MGA 56 GDA 2020
- ALL DIMENSIONS IN METRES
- ALL EXISTING SERVICES HAVE BEEN DERIVED FROM GIS AND ARE INDICATIVE ONLY. ACTUAL LOCATIONS NEED TO BE VERIFIED ON SITE

**LEGEND**

- PIPELINE CONSTRUCTION EASEMENT
- OP EXISTING OVERHEAD POWER (LV)
- W EXISTING WATER (GIS)
- G EXISTING GAS (GIS)
- PROPERTY BOUNDARY (GIS)
- TREES
- CUT
- FILL



SECTION A  
SCALE 1:250

OVERALL LAYOUT PLAN  
SCALE 1: 1000

**DRAFT - NOT APPROVED**

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO.: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_  
 08/06/23

**PRELIMINARY DRAWING**  
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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
D	23/06/23	REVISED 50% DESIGN	OC	PF	SM			
C	08/06/23	REVISED 50% DESIGN	JP	PF	SM			
B	28/04/23	ISSUED FOR 50% DESIGN	AR	PF	SM			
A	24/04/23	ISSUED FOR INFORMATION	AR	PF	SM			

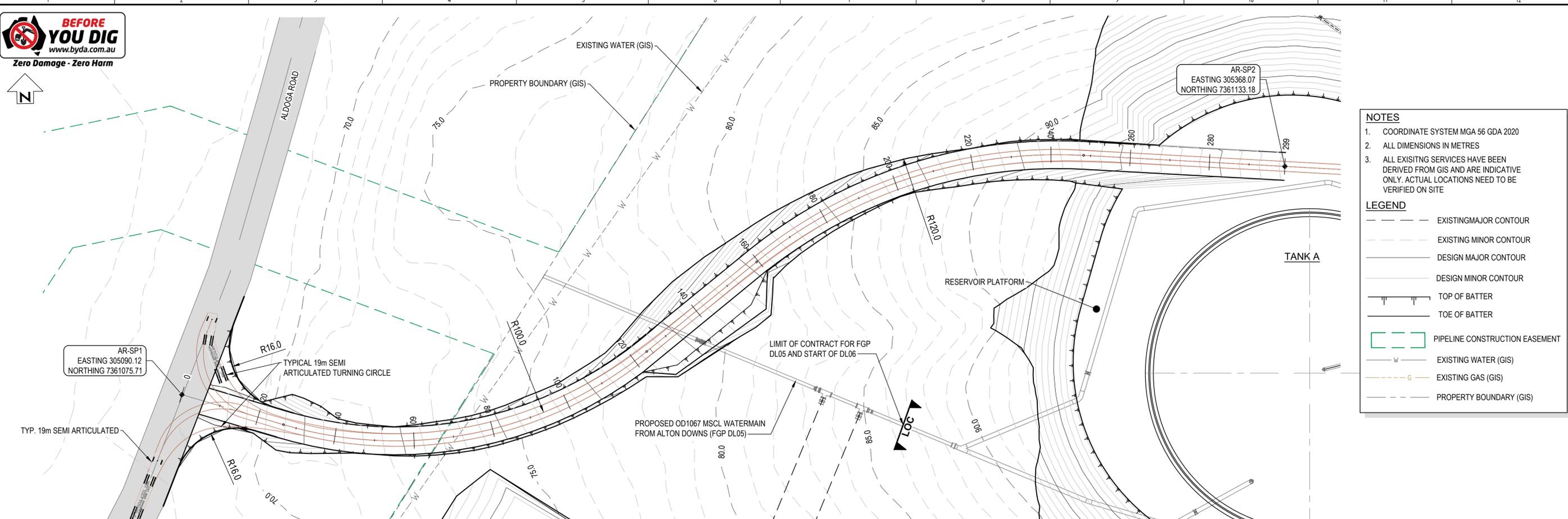


**Gladstone Area Water Board**

DRAWN BY	OLIVER CORPUZ	08/06/23
DESIGNED BY	NOURAN ABDALLA	08/06/23
REVIEWED BY	PETER FRASER	23/06/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

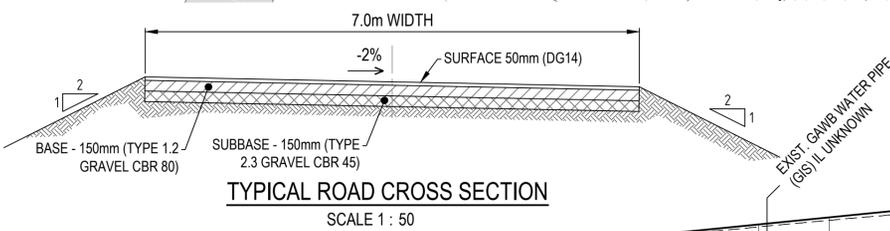
136 Goodnoon Street Gladstone Q 4680		PO Box 466 Gladstone Q 4680	Tel: (07) 4976 3000
FITZROY TO GLADSTONE PIPELINE PROJECT			
ALDOGA TANKS			
GENERAL			
OVERALL LAYOUT PLAN			
1151-DL06-STN-CIV-DRG-36004			
PROJECT No.	SIZE	DRAWING No.	SCALE
PF	A1	XXXX-X-XXXX	AS NOTED
			REV D

TEMPLATE VERSION: GAWB TEMPLATE\_V6



- NOTES**
- COORDINATE SYSTEM MGA 56 GDA 2020
  - ALL DIMENSIONS IN METRES
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- LEGEND**
- EXISTING MAJOR CONTOUR
  - EXISTING MINOR CONTOUR
  - DESIGN MAJOR CONTOUR
  - DESIGN MINOR CONTOUR
  - TOP OF BATTER
  - TOE OF BATTER
  - PIPELINE CONSTRUCTION EASEMENT
  - EXISTING WATER (GIS)
  - EXISTING GAS (GIS)
  - PROPERTY BOUNDARY (GIS)

**ACCESS ROAD - PLAN VIEW**  
SCALE 1: 500



**TYPICAL ROAD CROSS SECTION**  
SCALE 1: 50

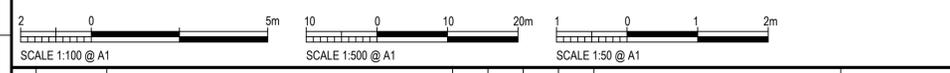
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-CUT +FILL																															
DESIGN LEVEL	67.79	68.79	69.79	70.79	71.78	72.78	73.78	74.78	75.78	76.78	77.78	78.77	79.77	80.77	81.77	82.77	83.77	84.77	85.76	86.76	87.76	88.76	89.76	90.76	91.76	92.75	93.75	94.75	95.75		
GROUND LEVEL	68.51	68.31	71.60	71.00	71.84	72.57	73.45	74.37	75.30	76.25	76.99	77.71	78.12	78.63	79.18	81.14	82.54	83.79	84.98	86.36	87.79	88.18	90.23	91.32	92.41	93.57	94.33	94.76	95.06		
CHAINAGE	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	240.00	250.00	260.00	270.00	280.00	290.00		
VERTICAL GEOMETRY	L=10.00 -2.1%																L=289.02 10.0%														
HORIZONTAL GEOMETRY	26.68m 106°27'45"		R 100.00 A 97.15										35.72m 50°48'01"					R 120.00 A 88.67					50.81m 93°08'13"								

**LONGITUDINAL SECTION**  
SCALES - H 1: 500  
V 1: 100

**DRAFT - NOT APPROVED**

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
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RPEQ NO.: \_\_\_\_\_  
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08/06/23

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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
C	23/06/23	REVISED 50% DESIGN	OC	PF	SM			
B	08/06/23	REVISED 50% DESIGN	JP	PF	SM			
A	28/04/23	ISSUED FOR 50% DESIGN	AR	PF	SM			



**Gladstone Area Water Board**  
136 Goodnoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
ALDOGA TANKS  
LAYOUT PLAN  
ROADWORKS  
1151-DL06-STN-CIV-DRG-36006

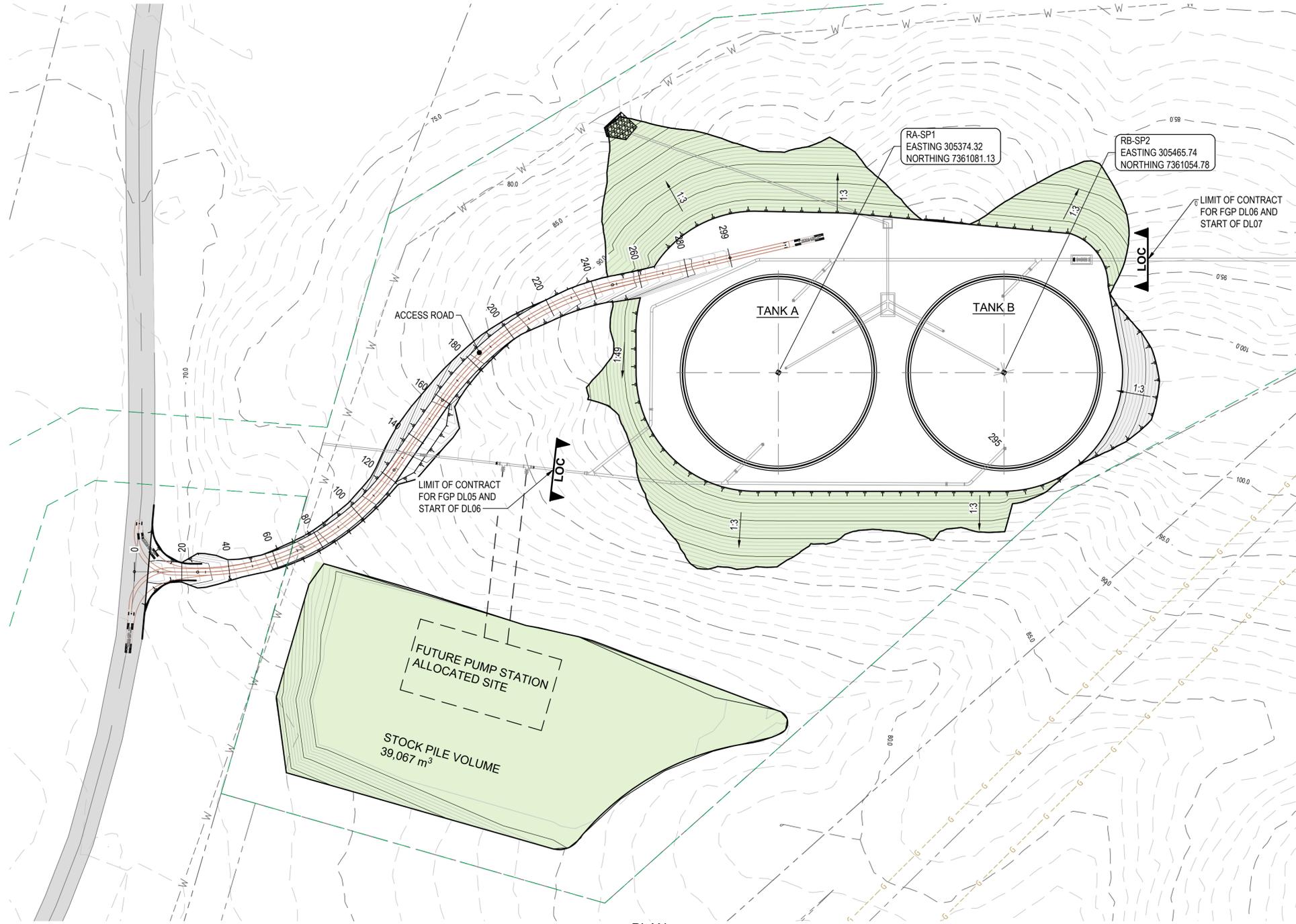
PROJECT No. \_\_\_\_\_ SIZE **A1** DRAWING No. **XXXX-X-XXXX** SCALE **AS NOTED** REV **C**

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DESIGNED BY: NOURAN ABDALLA 08/06/23  
REVIEWED BY: PETER FRASER 23/06/23  
ACCEPTANCE BY: RPEQ APPROVAL GAWB ACCEPTANCE

TEMPLATE VERSION: GAWB\_TEMPLATE\_V6



PLAN  
SCALE 1 : 1000

**NOTES**

- COORDINATE SYSTEM MGA 56 GDA 2020
- ALL DIMENSIONS IN METRES
- REFER DRG 1151-DL06-STN-CIV-DRG-36009 FOR SETOUT TABLE

**LEGEND**

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- DESIGN MAJOR CONTOUR
- DESIGN MINOR CONTOUR
- TOP OF BATTER
- TOE OF BATTER
- PIPELINE CONSTRUCTION EASEMENT
- EXISTING OVERHEAD POWER (LV)
- EXISTING WATER (GIS)
- EXISTING GAS (GIS)
- OVERFLOW PIPE
- PROPERTY BOUNDARY (GIS)
- CUT
- FILL



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REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
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C	23/06/23	REVISED 50% DESIGN	OC	PF	SM			
B	08/06/23	ISSUED FOR 50% DESIGN	JP	PF	SM			
A	28/04/23	ISSUED 50% DESIGN	AR	PF	SM			



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DRAWN BY: OLIVER CORPUZ	08/06/23	<b>FITZROY TO GLADSTONE PIPELINE PROJECT</b> ALDOGA TANKS LAYOUT PLAN RESEVOIR AREA 1151-DL06-STN-CIV-DRG-36007
DESIGNED BY: NOURAN ABDALLA	08/06/23	
REVIEWED BY: PETER FRASER	23/06/23	
ACCEPTANCE BY: RPEQ APPROVAL		

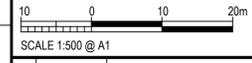
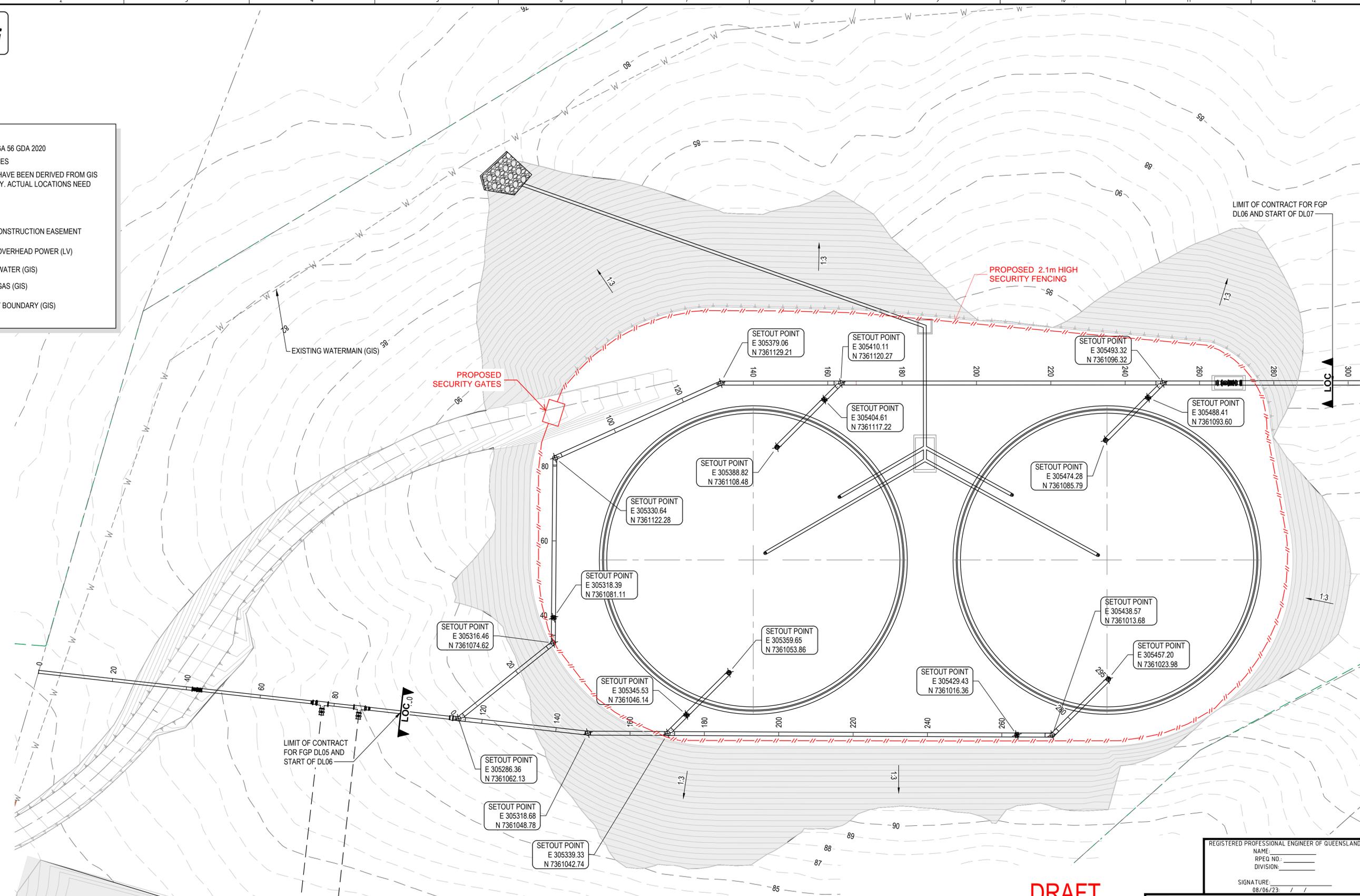
PROJECT No: \_\_\_\_\_ SIZE: **A1** DRAWING No: **XXXX-X-XXXX** SCALE: **AS NOTED** REV: **C**

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- NOTES**
- COORDINATE SYSTEM MGA 56 GDA 2020
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- LEGEND**
- PIPELINE CONSTRUCTION EASEMENT
  - EXISTING OVERHEAD POWER (LV)
  - EXISTING WATER (GIS)
  - EXISTING GAS (GIS)
  - PROPERTY BOUNDARY (GIS)



**PIPE SETOUT PLAN**  
SCALE 1 : 500

**DRAFT**

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 DESIGNED BY: NOURAN ABDALLA 08/06/23  
 REVIEWED BY: PETER FRASER 23/06/23

FITZROY TO GLADSTONE PIPELINE PROJECT  
 ALDOGA TANKS  
 PIPING  
 SETOUT PLAN  
 1151-DL06-STN-CIV-DRG-36013

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	A1	XXXX-X-XXXX	AS NOTED	B

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