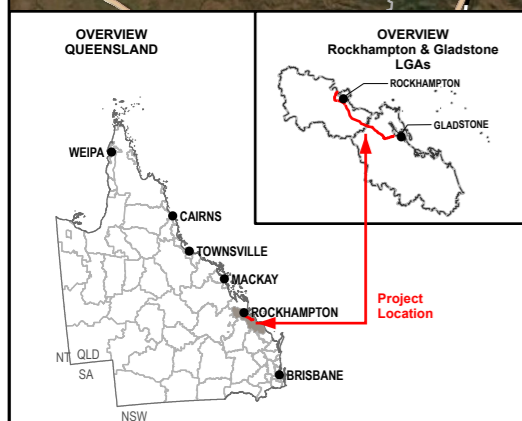


- Legend**
- Infrastructure Locations
  - Fitzroy Gladstone Pipeline Alignment
  - Roads
  - - - Railways
  - Gladstone State Development Area
  - LGA Boundaries



**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

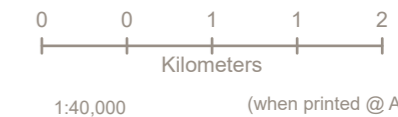
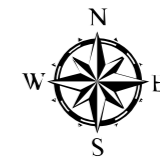
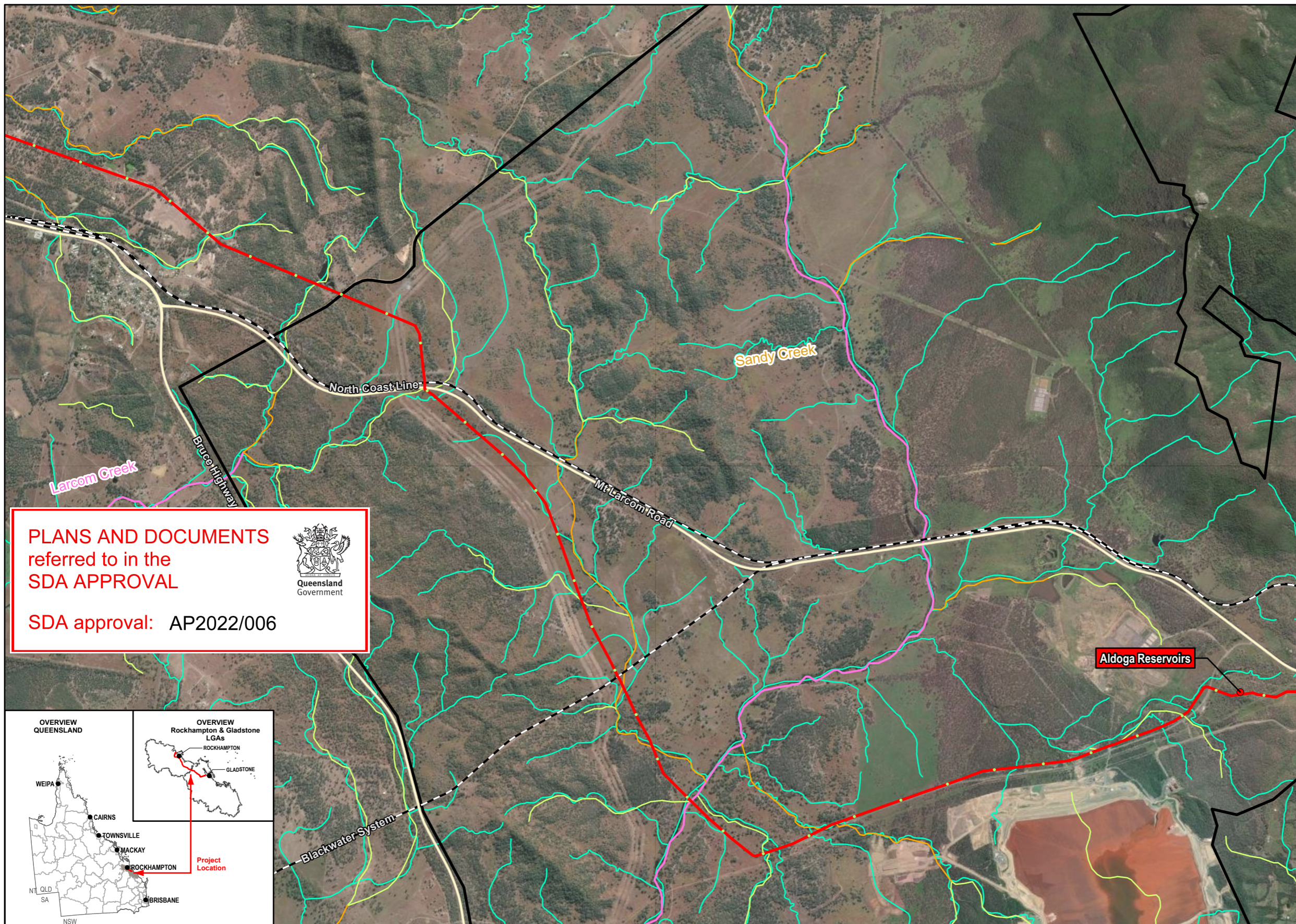
SDA approval: AP2022/006

**Data Sources:**

1. Base Layers (Roads, waterway, locality, LGA etc) @ QSpatial, 2021
2. Cadastral data - Queensland series @ QSpatial, 2022
3. State Development Area precincts - Gladstone SDA @ QSpatial, 2015
4. Imagery @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES-Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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**Legend**

- Chainage
  - Infrastructure Locations
  - Pipe Alignment
  - Roads
  - Railways
  - MSES - Regulated Vegetation (intersecting a watercourse)
  - Gladstone State Development Area
- Queensland waterways for waterway barrier works
- 1 - Low
  - 2 - Moderate
  - 3 - High

**Data Sources:**  
 1. Base Layers (Roads, waterway, locality, LGA etc) @ QSpatial, 2021  
 2. Cadastral data - Queensland series @ QSpatial, 2022  
 3. State Development Area precincts - Gladstone SDA @ QSpatial, 2015  
 4. Imagery @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES-Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

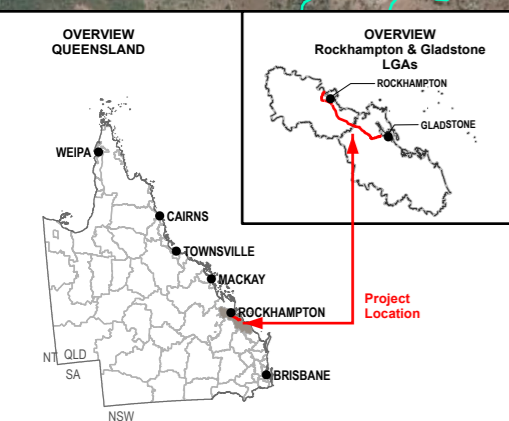
**SMEC Disclaimer:**  
 Maps are for graphical purposes only. The information on this map is from a computer database accessed using a Geographic Information System (GIS). They do not represent a legal survey and the information provided includes inherent errors. SMEC cannot guarantee the accuracy of the information contained on this map. Each user of this map is responsible for determining its suitability for his or her intended use or purpose.

**PLANS AND DOCUMENTS**  
 referred to in the  
**SDA APPROVAL**



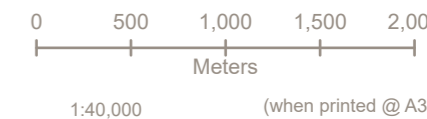
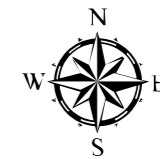
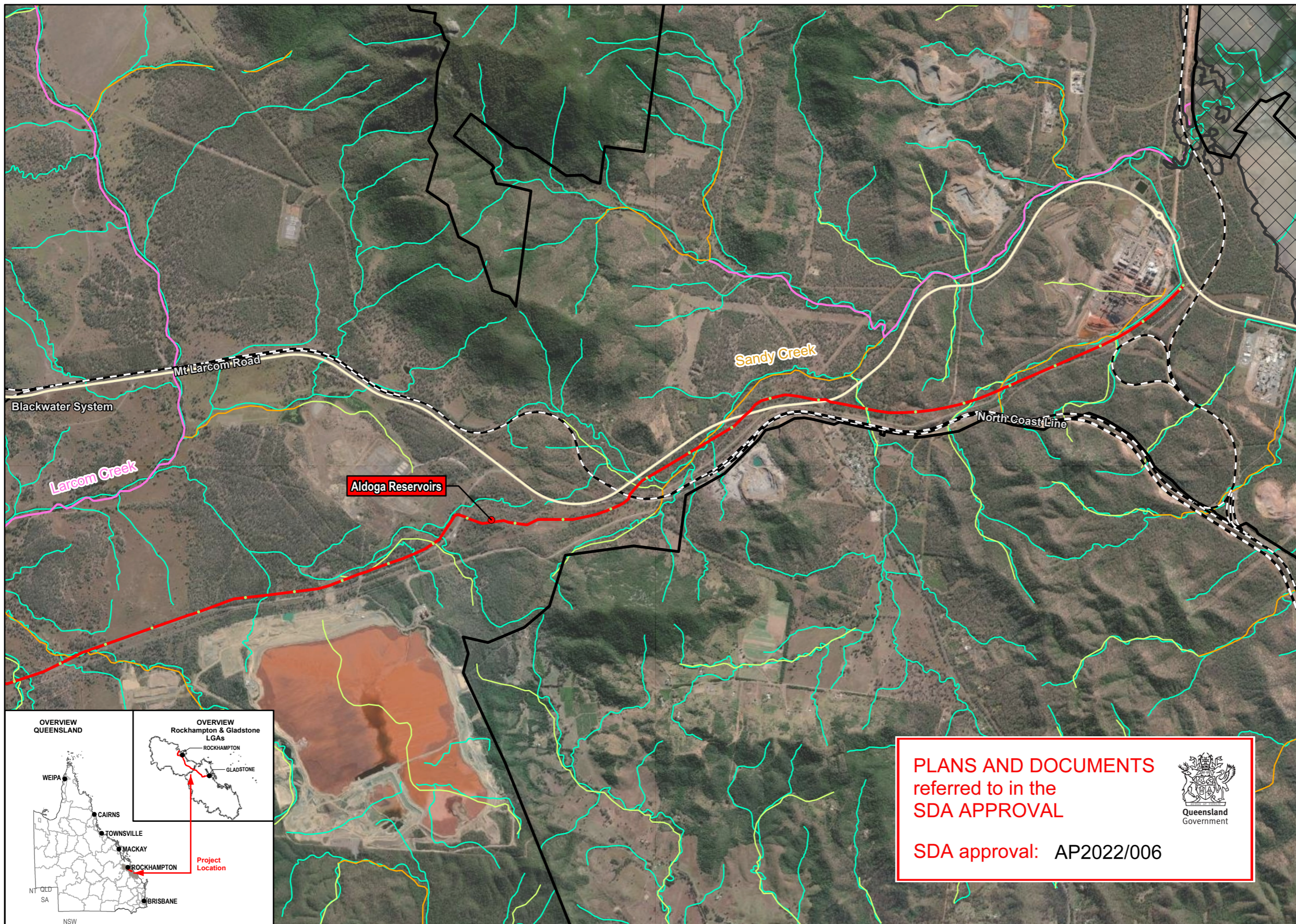
Queensland Government

**SDA approval: AP2022/006**



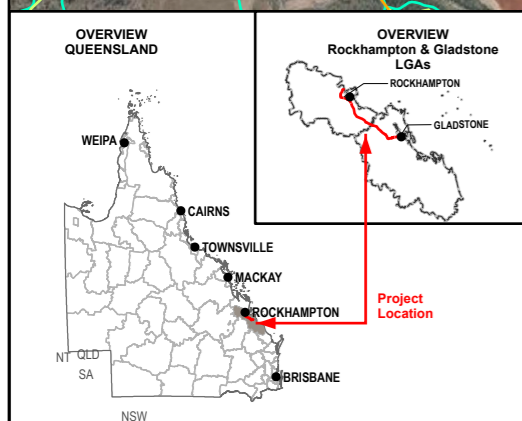
**PROJECTION UTM Zone 56  
 (Datum GDA2020)**





**Legend**

- Chainage
- Infrastructure Locations
- Pipe Alignment
- Roads
- Railways
- MSES - Regulated Vegetation (intersecting a watercourse)
- Gladstone State Development Area
- Tidal Waterways
- Queensland waterways for waterway barrier works
  - 1 - Low
  - 2 - Moderate
  - 3 - High



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006

**Data Sources:**

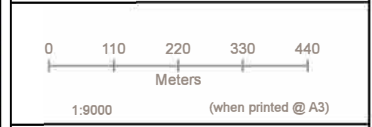
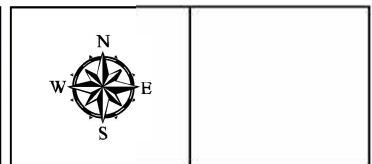
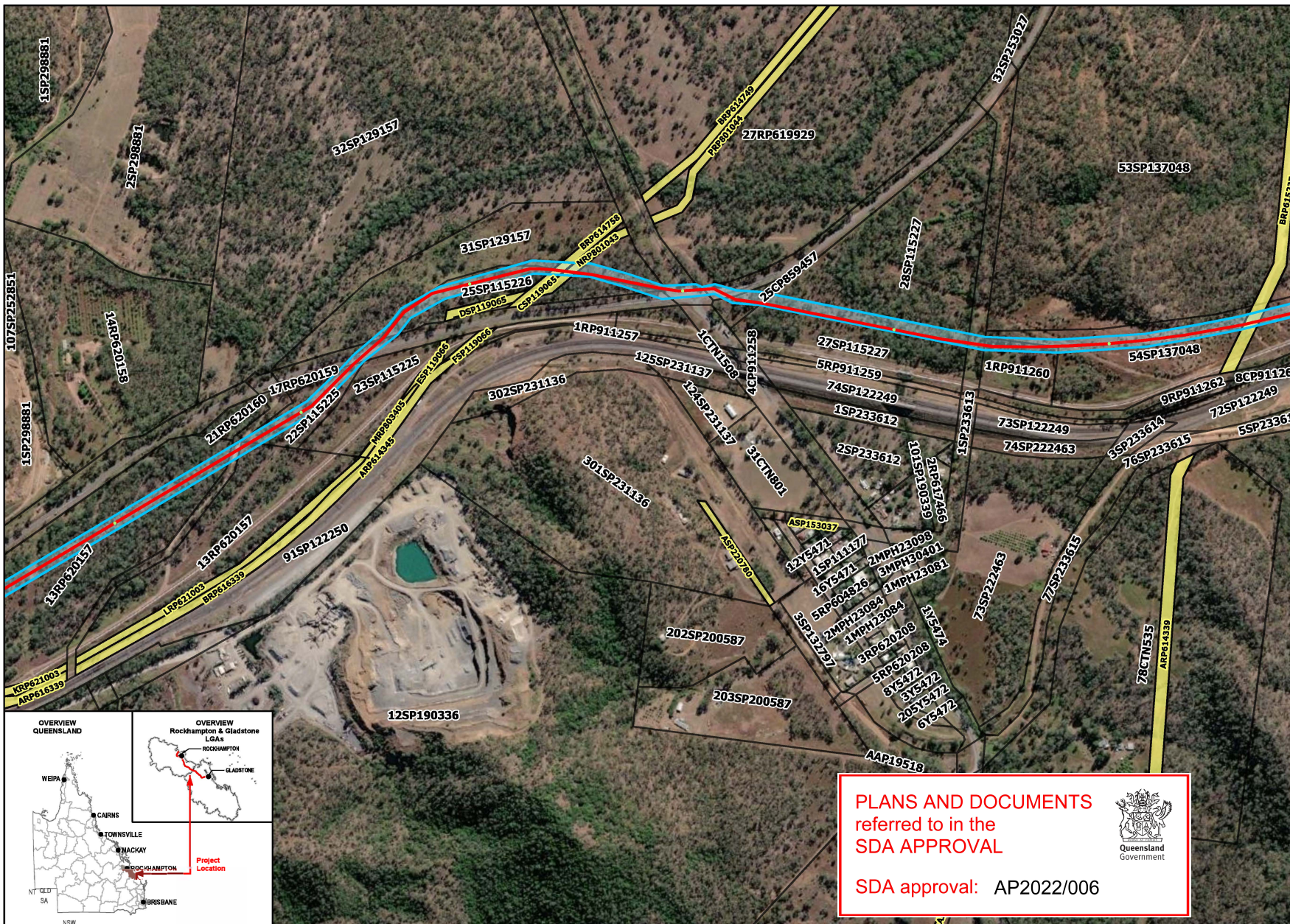
1. Base Layers (Roads, waterway, locality, LGA etc) @ QSpatial, 2021
2. Cadastral data - Queensland series @ QSpatial, 2022
3. State Development Area precincts - Gladstone SDA @ QSpatial, 2015
4. Imagery @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES-Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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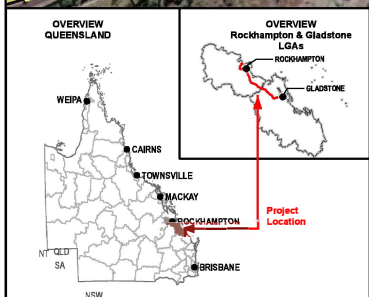








- Legend**
- Chainage
  - Pipe Alignment
  - Right of Way (ROW)
  - Easement
  - Property Boundary



**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

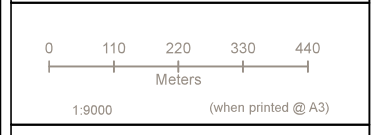
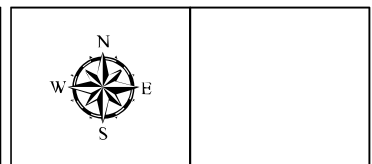
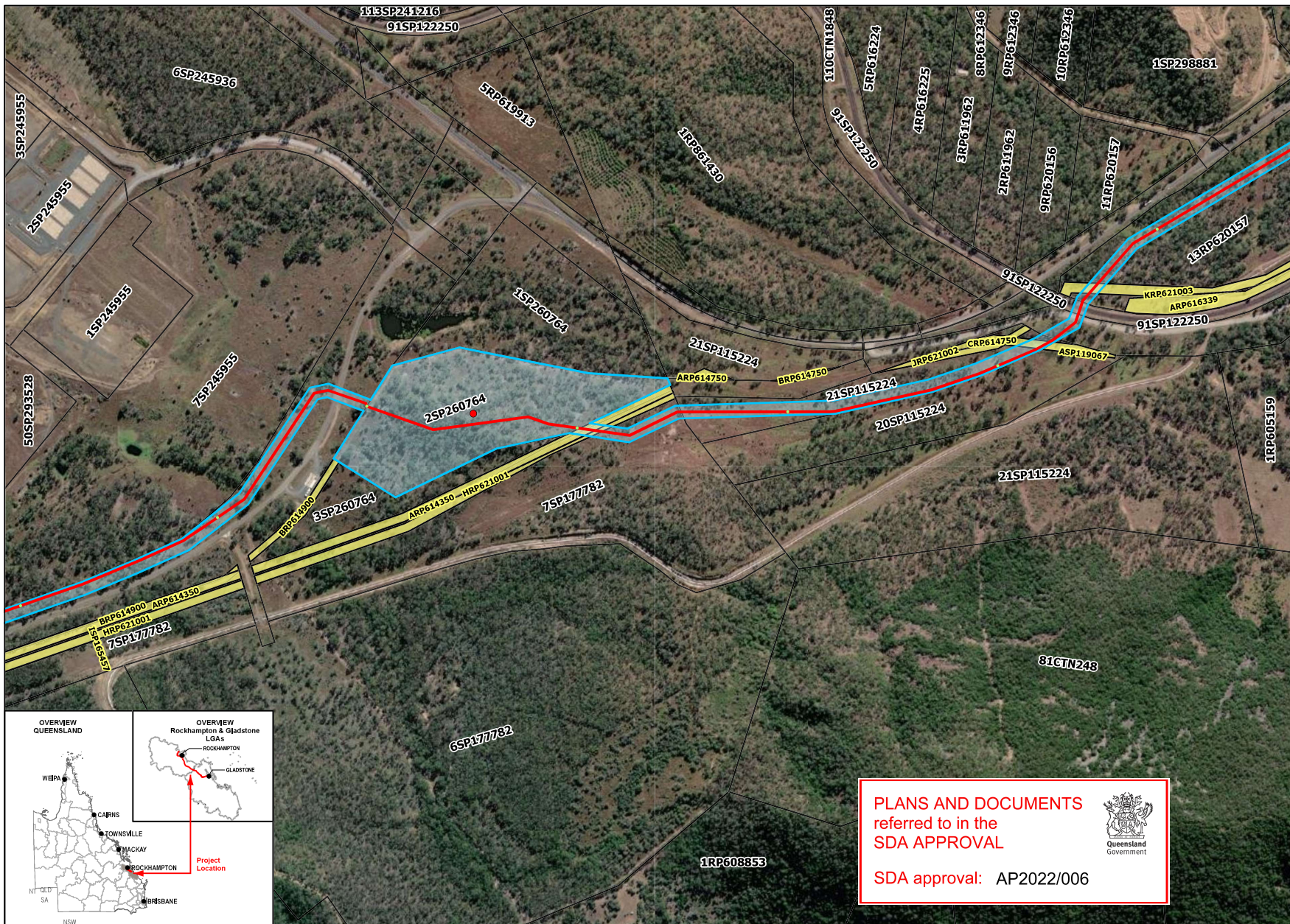
SDA approval: AP2022/006

**Data Sources:**

1. Base Layers (Roads, waterway, locality, LGA etc) @ QSpatial, 2021
2. Property Boundary @ Department of Resources 2021.
3. Indicative Ecology Survey Location(s) @ GAWB 2022
4. Imagery @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES-Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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- Legend**
- Infrastructure Locations
  - Chainage
  - Pipe Alignment
  - ▭ Right of Way (ROW)
  - ▭ Easement
  - ▭ Property Boundary

**PLANS AND DOCUMENTS**  
 referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/006

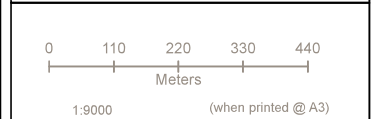
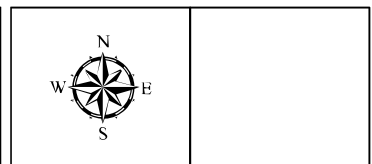
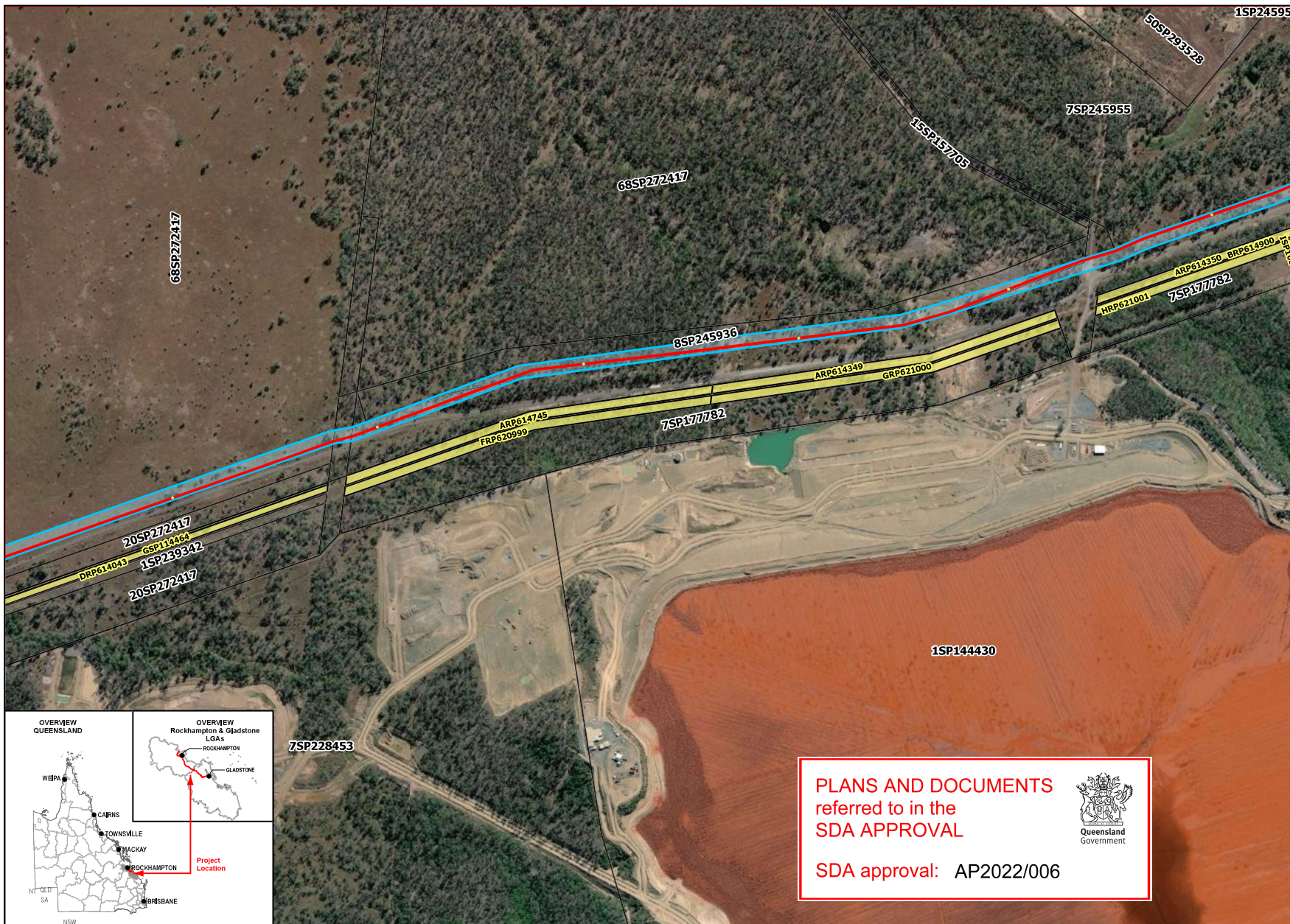
Data Sources:

1. Base Layers (Roads, waterway, locality, LGA etc) @ QSpatial, 2021
2. Property Boundary @ Department of Resources 2021.
3. Indicative Ecology Survey Location(s) @ GAWB 2022
4. Imagery @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES-Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

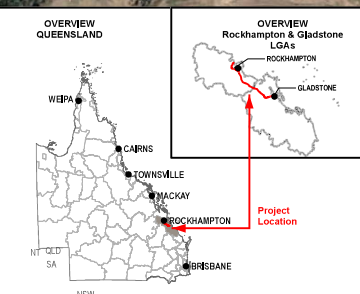
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- Legend**
- Chainage
  - Pipe Alignment
  - Right of Way (ROW)
  - Easement
  - Property Boundary



**PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL**

**SDA approval: AP2022/006**

**Data Sources:**

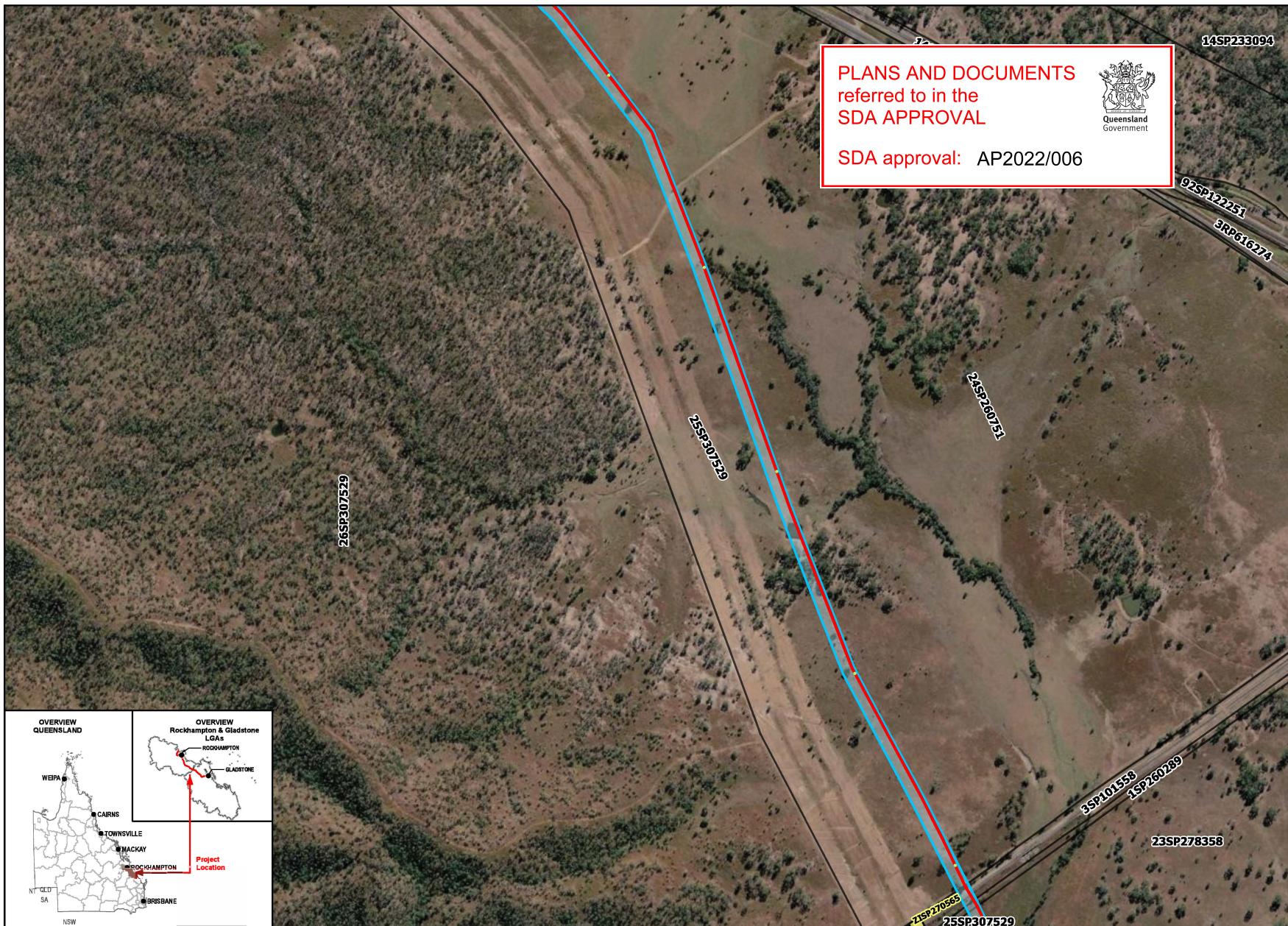
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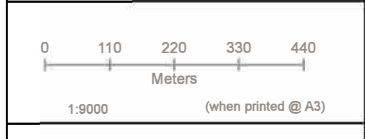
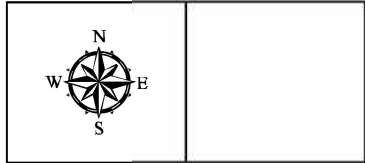




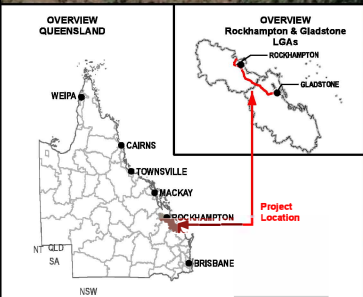


**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/006

- Legend**
- Chainage
  - Pipe Alignment
  - Right of Way (ROW)
  - Easement
  - Property Boundary



**Data Sources:**

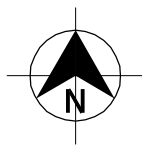
1. Base Layers (Roads, waterway, locality, LGA etc) @ QSpatial, 2021
2. Property Boundary @ Department of Resources 2021.
3. Indicative Ecology Survey Location(s) @ GAWB 2022
4. Imagery @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES-Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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# FITZROY TO GLADSTONE PIPELINE PROJECT

**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

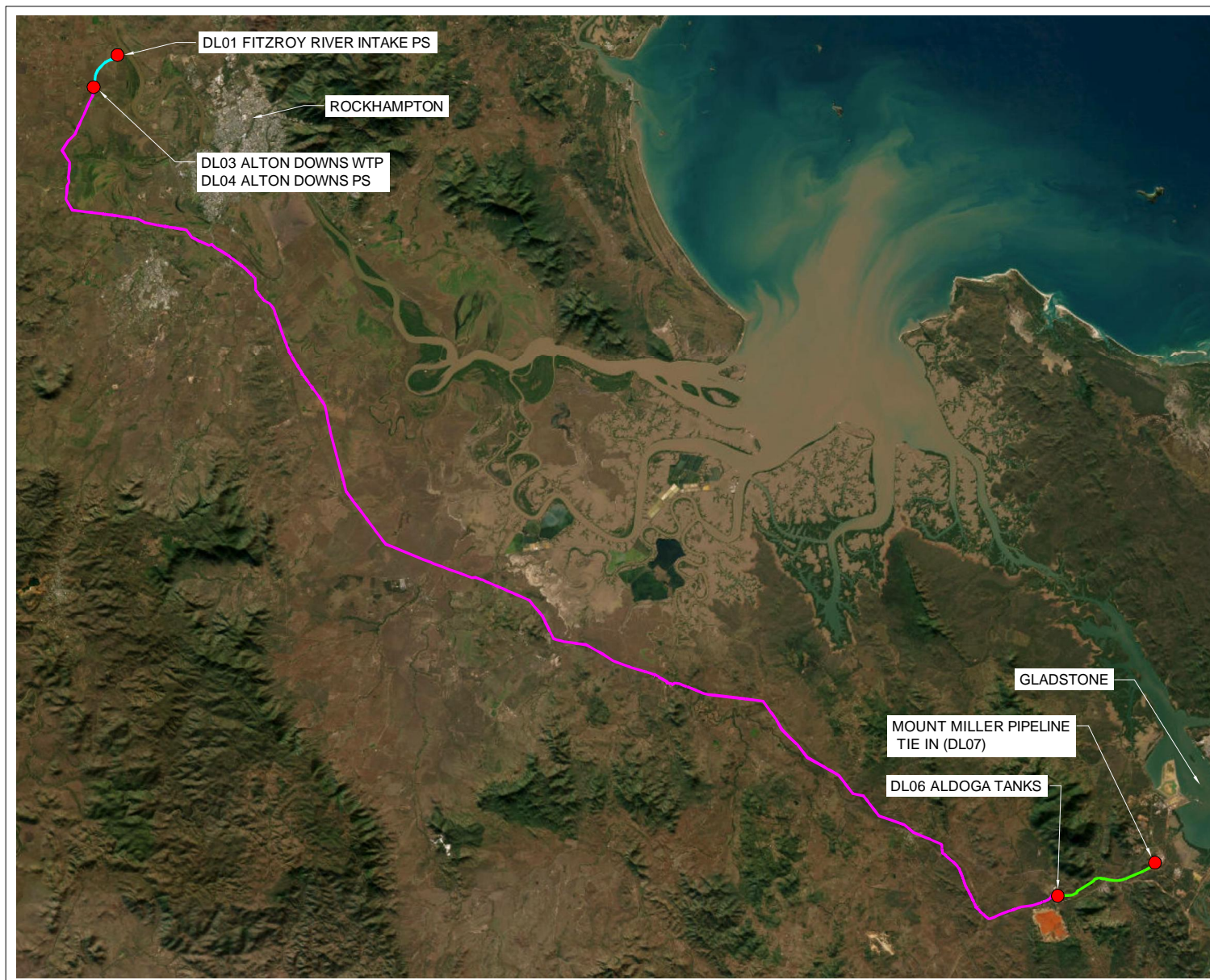
**SDA approval: AP2022/006**



## DRAWING REGISTER SETS

GSDA

Title	Prepared by	Date / Rev	Drawing number
General Drawing Register	MBJV	04/04/23 / Rev C	1151-DL00-W3P-CIV-DRG-10000
Standard Details Trench types	MBJV	08/06/23 / Rev E	1151-DL00-W3P-CIV-DRG-10001
Typical Right of Way – 30 m	MBJV	08/06/23 / Rev D	1151-DL00-W3P-CIV-DRG-10008
Typical Right of Way – 15 m	MBJV	08/06/23 / Rev D	1151-DL00-W3P-CIV-DRG-10009
DL05 Pipeline Key Plan 5 of 5	MBJV	08/06/23 / Rev C	1151-DL05-W3P-PL-DRG-65005
DL07 Pipeline Key Plan	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67001
DL05 Pipeline CH96485.10 – 97185.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65139
DL05 Pipeline CH97185.10 – 97885.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65140
DL05 Pipeline CH97885.10 – 98585.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65141
DL05 Pipeline CH98585.10 – 99285.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65142
DL05 Pipeline CH99285.10 – 99985.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65143
DL05 Pipeline CH99985.10 – 100685.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65144
DL05 Pipeline CH100685.10 – 101385.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65145
DL05 Pipeline CH101385.10 – 102085.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65146
DL05 Pipeline CH102085.10 – 102785.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65147
DL05 Pipeline CH102785.10 – 103485.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65148
DL05 Pipeline CH103485.10 – 104185.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65149
DL05 Pipeline CH104185.10 – 104885.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65150
DL05 Pipeline CH104885.10 – 105585.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65151
DL05 Pipeline CH105585.10 – 106285.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65152
DL05 Pipeline CH106285.10 – 106985.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65153
DL05 Pipeline CH106985.10 – 107685.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65154
DL05 Pipeline CH107685.10 – 108385.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65155
DL05 Pipeline CH108385.10 – 108385.10	MBJV	08/06/23 / Rev B	1151-DL05-W3P-PL-DRG-65156
DL07 Pipeline CH108899.44 – 109579.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67002
DL07 Pipeline CH109579.44 – 110279.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67003
DL07 Pipeline CH110279.44 – 110979.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67004
DL07 Pipeline CH110979.44 – 111679.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67005
DL07 Pipeline CH111679.44 – 112379.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67006
DL07 Pipeline CH112379.44 – 113079.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67007
DL07 Pipeline CH113079.44 – 113779.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67008
DL07 Pipeline CH113779.44 – 114479.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67009
DL07 Pipeline CH114479.44 – 115179.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67010
DL07 Pipeline CH115179.44 – 115879.44	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67011
DL07 Pipeline CH115879.44 – 116568.03	MBJV	08/06/23 / Rev B	1151-DL07-W3P-PL-DRG-67012
Larcom Creek Critical Crossing – General arrangement	MBJV	08/06/23 / Rev B	1151-DL05-W3P-CIV-DRG-35140
Larcom Creek Critical Crossing – Crossing detail	MBJV	08/06/23 / Rev B	1151-DL05-W3P-CIV-DRG-35141
Bajool Port Alma Road Critical Crossing – General arrangement	MBJV	08/06/23 / Rev B	1151-DL05-W3P-CIV-DRG-35170
Bajool Port Alma Road Critical Crossing – Crossing detail	MBJV	08/06/23 / Rev B	1151-DL05-W3P-CIV-DRG-35171
Gladstone Mt Larcom Road Critical Crossing – General arrangement	MBJV	08/06/23 / Rev B	1151-DL07-W3P-CIV-DRG-37020
Gladstone Mt Larcom Road Critical Crossing – Crossing detail	MBJV	08/06/23 / Rev B	1151-DL07-W3P-CIV-DRG-37021
DL07 Standard Details – Isolation valve assembly	MBJV	08/06/23 / Rev D	1151-DL07-W3P-CIV-DRG-17001
DL07 Standard Details – Air valve assembly	MBJV	08/06/23 / Rev D	1151-DL07-W3P-CIV-DRG-17002
DL07 Standard Details – Scour assembly	MBJV	08/06/23 / Rev D	1151-DL07-W3P-CIV-DRG-17003



LOCALITY PLAN



**LEGEND:**

- DL02 FITZROY RIVER TO ALTON DOWNS PIPELINE OD 900 PE112
- DL05 ALTON DOWNS TO ALDOGA PIPELINE OD 1067 MSCL
- DL07 ALDOGA TO MT. MILLER PIPELINE OD 1200 PE112

**ISSUED FOR CLIENT REVIEW**



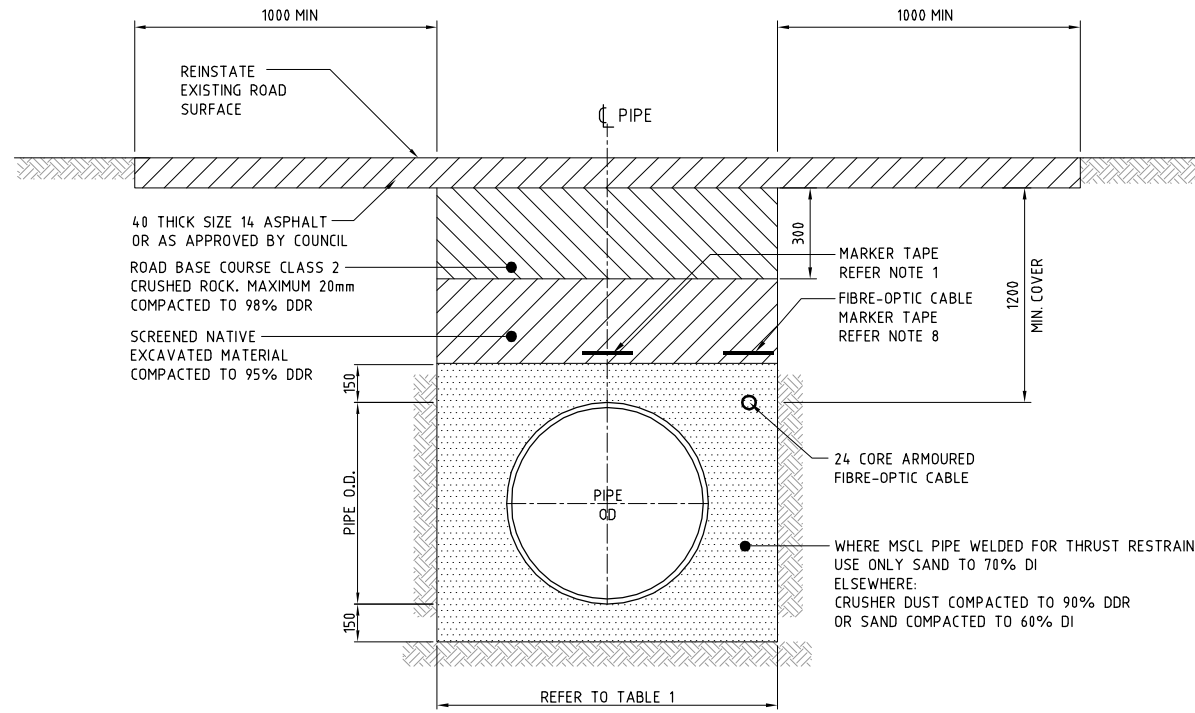
Designed	AS			
Drawn	TA			
Checked	MM			
RPEQ	PS			
REVISION	DETAILS OF AMENDMENT	APPD	DATE	



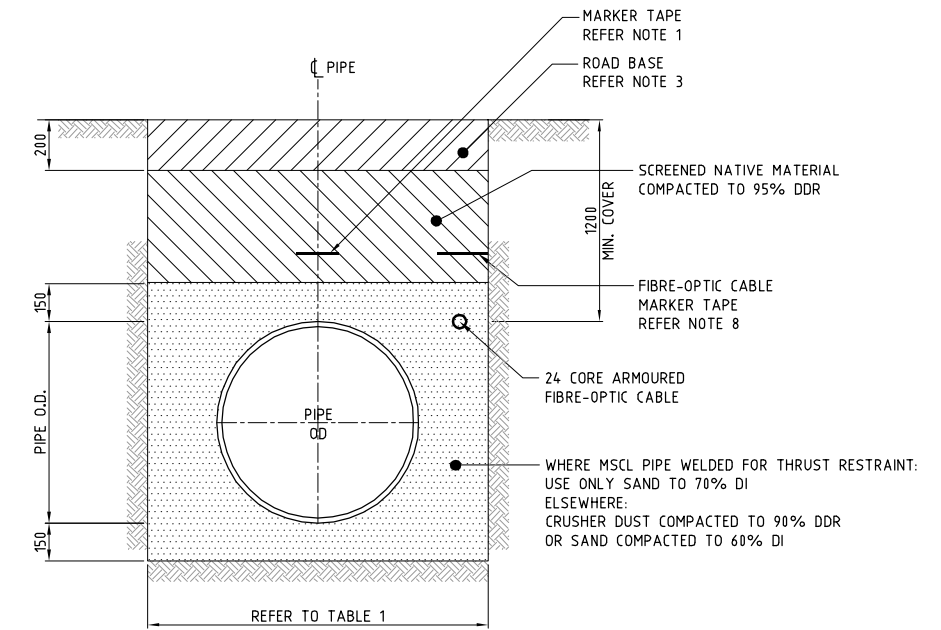
FITZROY TO GLADSTONE  
PIPELINE PROJECT  
GENERAL DRAWING REGISTER

PLAN No.	1151-DL00-W3P-CIV-DRG-00000
REV:	C

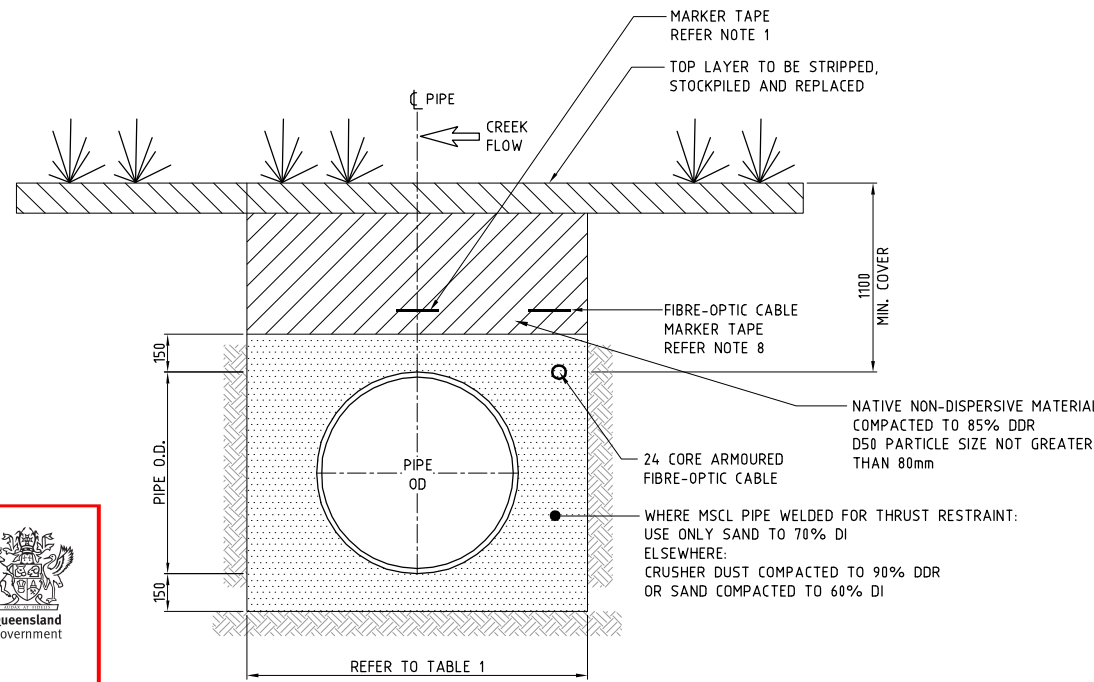




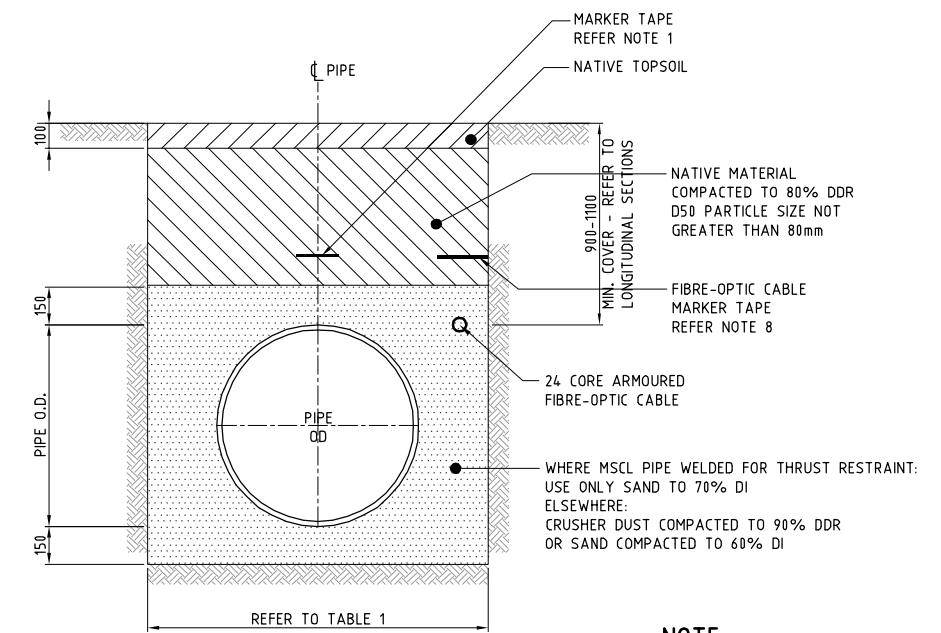
**TYPICAL TRENCH DETAIL TYPE-1  
UNDER SEALED ROADS  
(A160 AXLE LOAD)**  
N.T.S.



**TYPICAL TRENCH DETAIL TYPE-2  
UNDER UNSEALED ROADS  
(A160 AXLE LOAD)**  
N.T.S.



**TYPICAL TRENCH DETAIL TYPE-3  
MINOR CREEK CROSSING**  
N.T.S.



**TYPICAL TRENCH DETAIL TYPE-4  
PRIVATE PROPERTY & NATURE STRIP  
(A160 AXLE LOAD)**  
N.T.S.

**NOTE:**  
REFER TO PROJECT NOTES

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES

PIPE OD (mm)	PIPE MATERIAL	TRENCH WIDTH MINIMUM (mm)	MIN CLEARANCE EACH SIDE
1067	MSCL	1600	268
1200	HDPE	1700	250
900	HDPE	1400	250

**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**  
SDA approval: AP2022/006



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
-	-	-	-	-	-	-	-	-
E	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	AS	PS	-	-	-
D	26/05/23	85% SUBMISSION JV REVIEW	TA	AS	PS	-	-	-
C	05/04/23	CREEK CROSSING UPDATED	TA	AS	PS	-	-	-
B	31/03/23	50% SUBMISSION	TA	AS	PS	-	-	-
A	18/03/23	ISSUED FOR CLIENT REVIEW	TA	AS	PS	-	-	-



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

DRAWN BY: TED ALVARADO 04/05/23  
DESIGNED BY: ANDREW SINN 04/05/23  
REVIEWED BY: PETER SEMIANIW 04/05/23  
ACCEPTANCE BY: \_\_\_\_\_  
RPEQ APPROVAL: \_\_\_\_\_  
GAWB ACCEPTANCE: \_\_\_\_\_

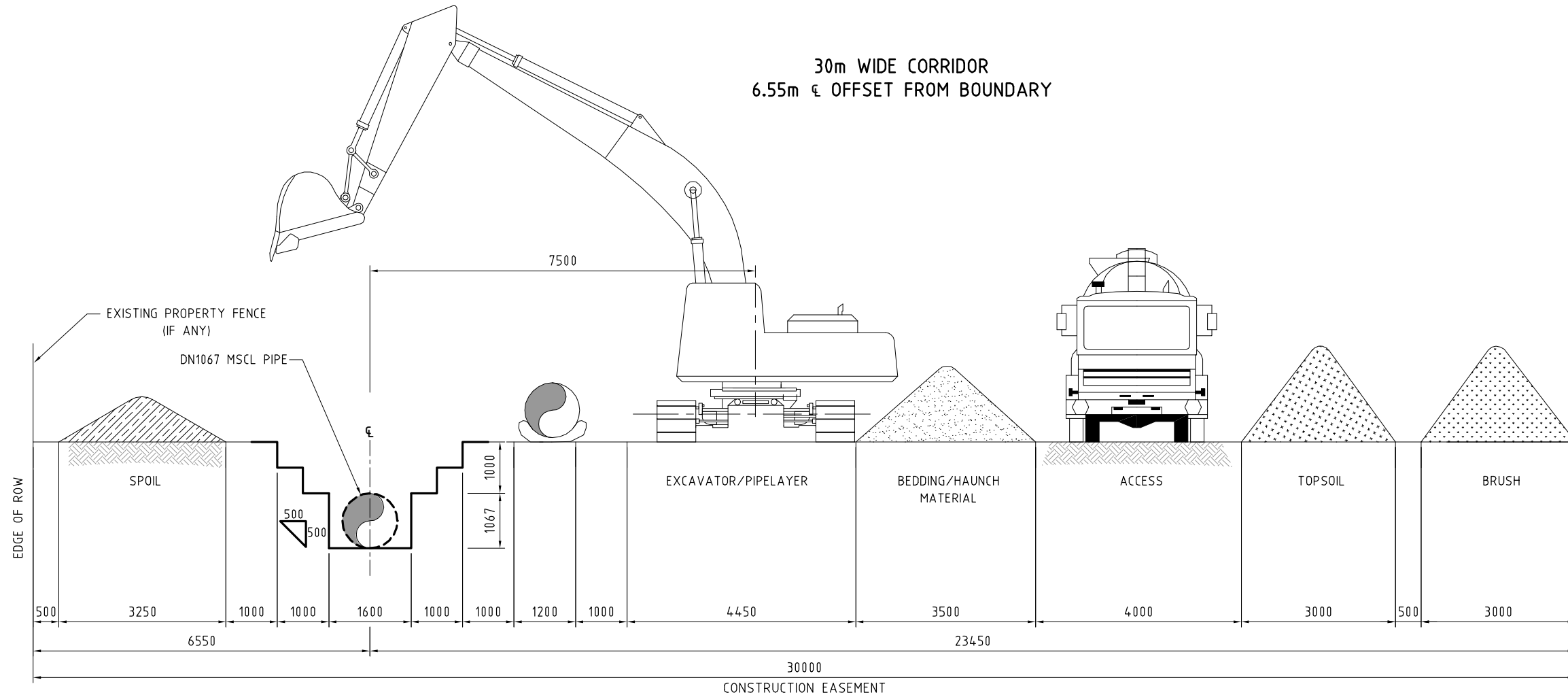
FITZROY TO GLADSTONE PIPELINE PROJECT  
STANDARD DETAILS  
TRENCH TYPES

1151-DL00-W3P-CIV-DRG-10001

PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV E

DO NOT SCALE





**TYPICAL SECTION - CONSTRUCTION CORRIDOR**



**PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL**



**SDA approval: AP2022/006**

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
D	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	AS	PS	-		
C	26/05/23	85% SUBMISSION JV REVIEW	TA	AS	PS	-		
B	31/03/23	50% SUBMISSION	TA	AS	PS	-		
A	18/03/23	ISSUED FOR CLIENT REVIEW	TA	AS	PS	-		



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

FITZROY TO GLADSTONE PIPELINE PROJECT  
STANDARD DETAILS  
TYPICAL RIGHT OF WAY - 30 METRES

1151-DL00-W3P-CIV-DRG-10008

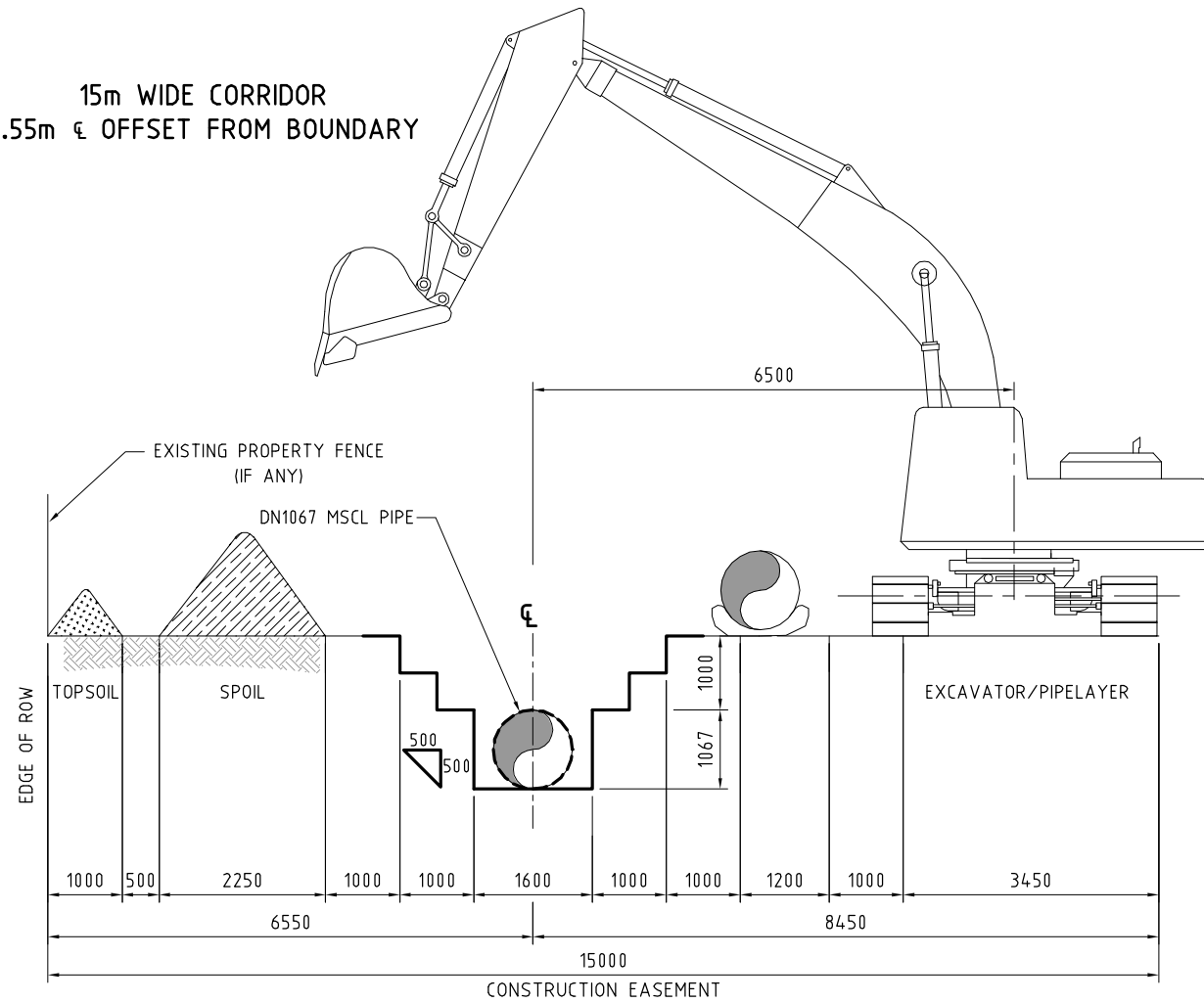
PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	D

DO NOT SCALE

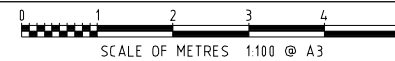




15m WIDE CORRIDOR  
6.55m  $\epsilon$  OFFSET FROM BOUNDARY



TYPICAL SECTION-REDUCED CONSTRUCTION CORRIDOR



PLANS AND DOCUMENTS referred to in the SDA APPROVAL



SDA approval: AP2022/006

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

PRELIMINARY DRAWING  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
D	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	AS	PS	-		
C	26/05/23	85% SUBMISSION JV REVIEW	TA	AS	PS	-		
B	31/03/23	50% SUBMISSION	TA	AS	PS	-		
A	18/03/23	ISSUED FOR CLIENT REVIEW	TA	AS	PS	-		



Gladstone Area Water Board

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

FITZROY TO GLADSTONE PIPELINE PROJECT  
STANDARD DETAILS  
TYPICAL RIGHT OF WAY - 15 METRES

1151-DL00-W3P-CIV-DRG-10009

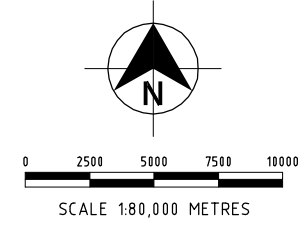
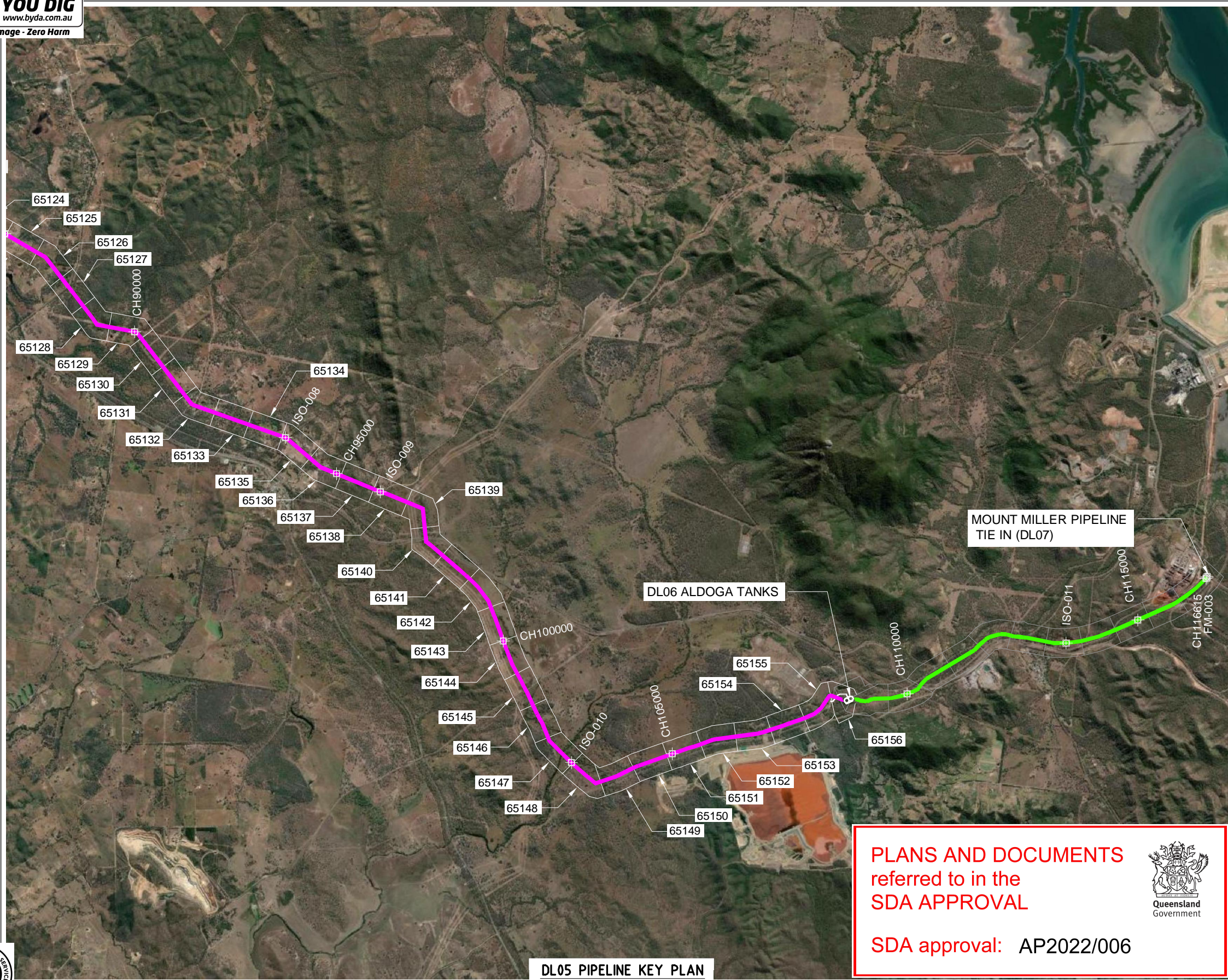
PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	D

DO NOT SCALE





REFER DRAWING NO. 1151-DL05-W3P-PLD-DRG-65004 FOR CONTINUATION



- LEGEND:**
- DL02 FITZROY RIVER TO ALTON DOWNS PIPELINE OD900 PE112
  - DL05 ALTON DOWNS TO ALDOGA PIPELINE OD1067 MSCL
  - DL07 ALDOGA TO MT. MILLER PIPELINE OD1200 PE112



**DL05 PIPELINE KEY PLAN**

**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

**SDA approval: AP2022/006**

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
 NOT TO BE USED FOR CONSTRUCTION PURPOSES

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
C	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS	-		
B	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS	-		
A	05/04/23	50% SUBMISSION	TA	MM	PS	-		



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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
**DL05 PIPELINE KEY PLAN 5 OF 5**

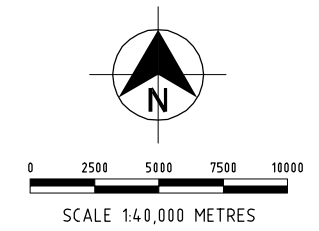
1151-DL05-W3P-CIV-DRG-65005

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	C

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DO NOT SCALE





- LEGEND:**
- DL02 FITZROY RIVER TO ALTON DOWNS PIPELINE OD 900 PE112
  - DL05 ALTON DOWNS TO ALDOGA PIPELINE OD 1067 MSCL
  - DL07 ALDOGA TO MT. MILLER PIPELINE OD 1200 PE112

**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/006

**DL07 PIPELINE KEY PLAN**

**ISSUED FOR CLIENT REVIEW**



Designed	AS
Drawn	TA
Checked	MM
REVISION	PS
A	50% SUBMISSION
REVISION	APPD
DETAILS OF AMENDMENT	DATE
	05-04-23
	RPEQ
	PS



**FITZROY TO GLADSTONE  
PIPELINE PROJECT**  
DL07 PIPELINE KEY PLAN

PLAN No.	1151-DL07-W3P-CIV-DRG-67001
REV:	A

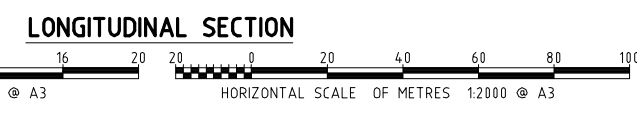
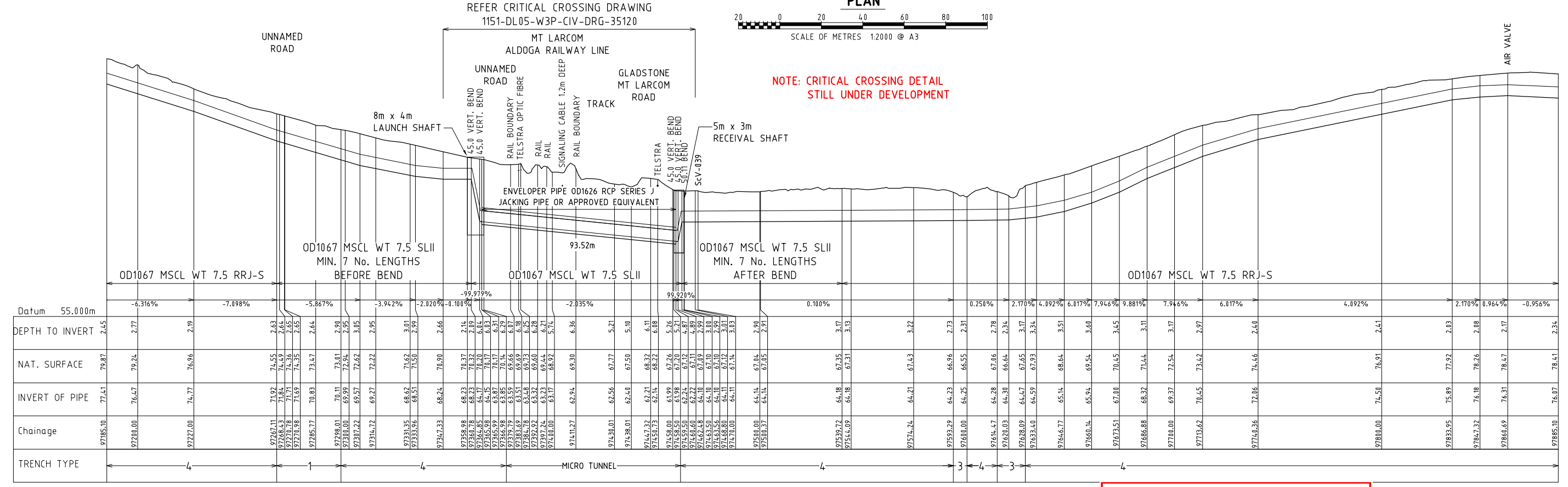
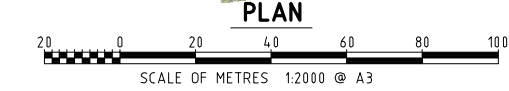
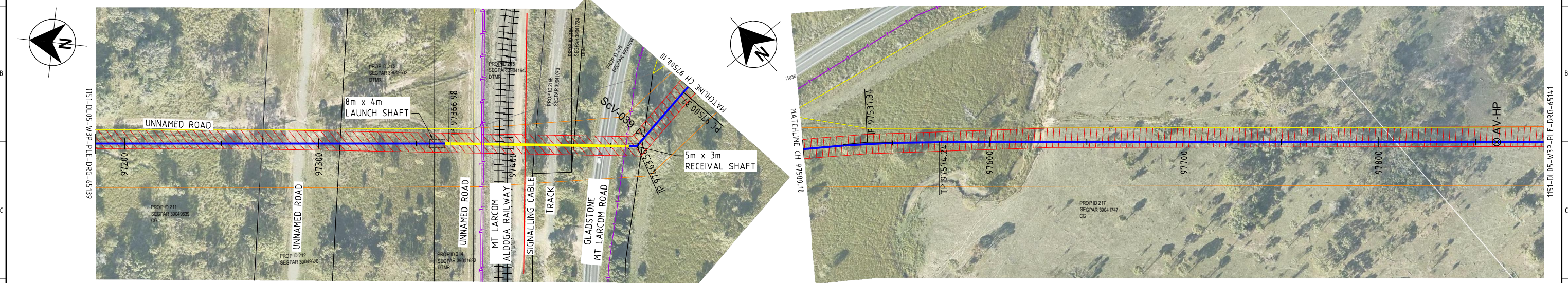








- LEGEND: PROPOSED:**
- ⊗ - AIR VALVE
  - ▽ - SCOUR VALVE
  - ⊗ - ISOLATION VALVE
  - ⊗ - CONTROL VALVE
  - - PIPELINE
  - - ENVELOPER PIPE
- LEGEND: EXISTING:**
- - FENCE
  - G - GAS
  - E - ELECT'L POWER (OH or UG)
  - T - TELSTRA CABLE
  - - DRAIN
  - SW - STORM WATER
  - W - WATER OTHER
  - S - SEWER PIPE
  - - 100 ARI FLOOD LEVEL
  - - SURVEYED CADASTRE
  - - RIGHT OF WAY
  - - DCDB
  - - CULTURAL ARTEFACTS
  - - CONSTRUCTION ZONES
  - - LICENSED AREAS
  - - ENVIRONMENTAL CONSTRAINTS
  - - EXTRA WORK AREAS



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
 NOT TO BE USED FOR CONSTRUCTION PURPOSES

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			

**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
 DL05 PIPELINE CH 97185.10-97885.10

1151-DL05-W3P-PLD-DRG-65140

PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

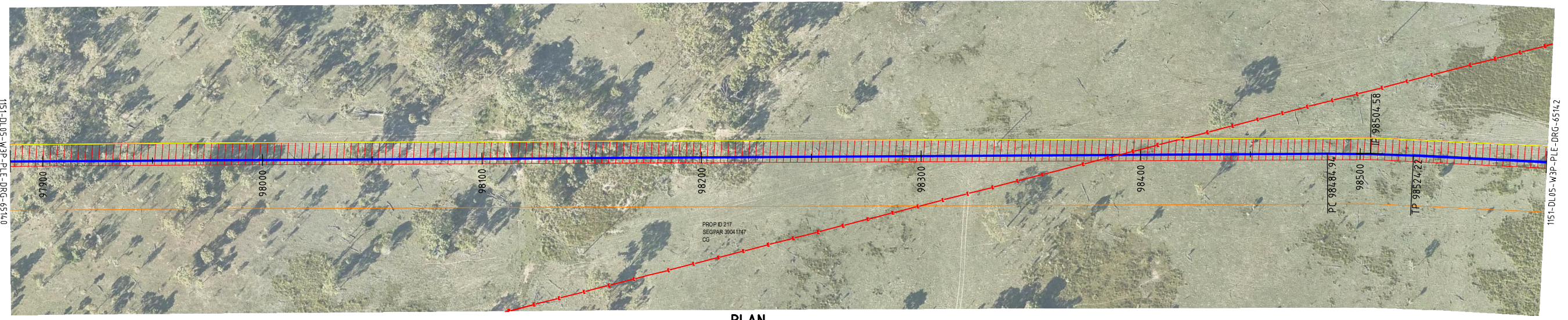
DO NOT SCALE

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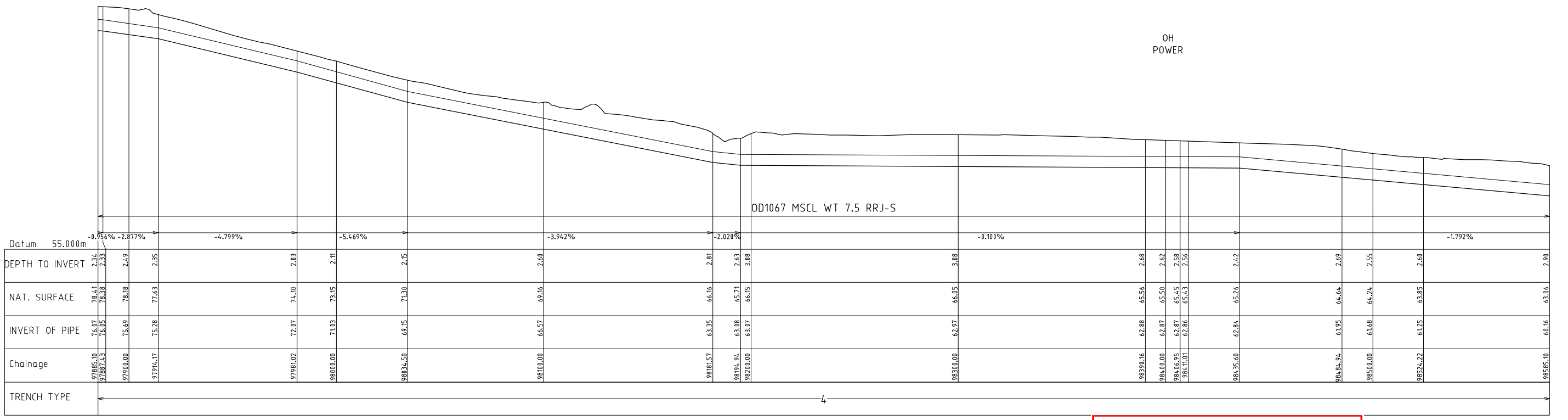




- LEGEND: PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE
- LEGEND: EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS



**PLAN**  
SCALE OF METRES 1:2000 @ A3



**LONGITUDINAL SECTION**  
VERTICAL SCALE OF METRES 1:400 @ A3  
HORIZONTAL SCALE OF METRES 1:2000 @ A3

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**  
SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



**Gladstone Area Water Board**  
136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 97885.10-98585.10

1151-DL05-W3P-PL-DRG-65142

PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

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**LEGEND:**  
**PROPOSED:**

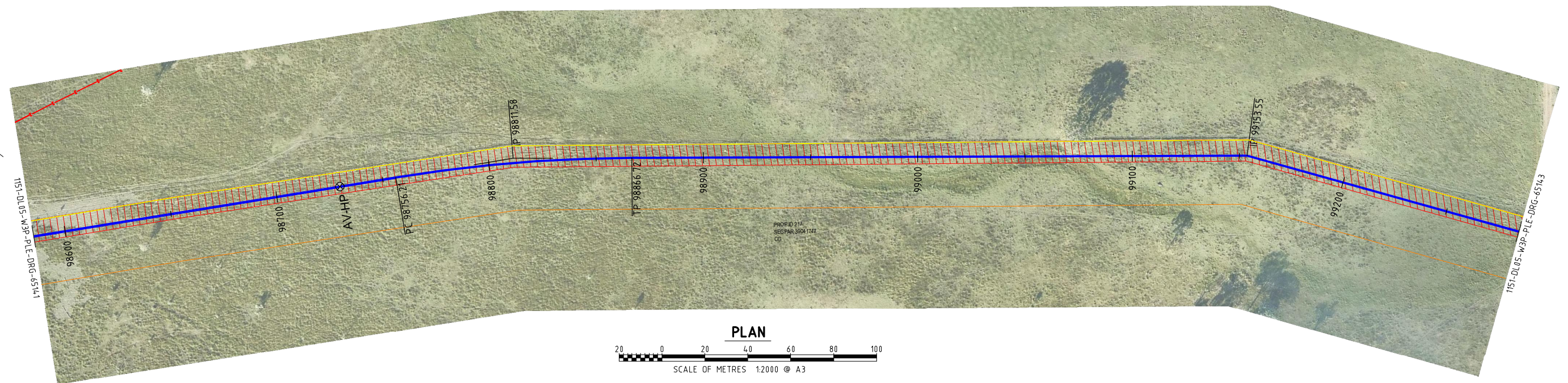
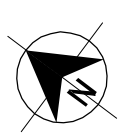
- ⊗ - AIR VALVE
- ▽ - SCOUR VALVE
- ⊗ - ISOLATION VALVE
- ⊗ - CONTROL VALVE
- - PIPELINE
- - ENVELOPER PIPE

**LEGEND:**  
**EXISTING:**

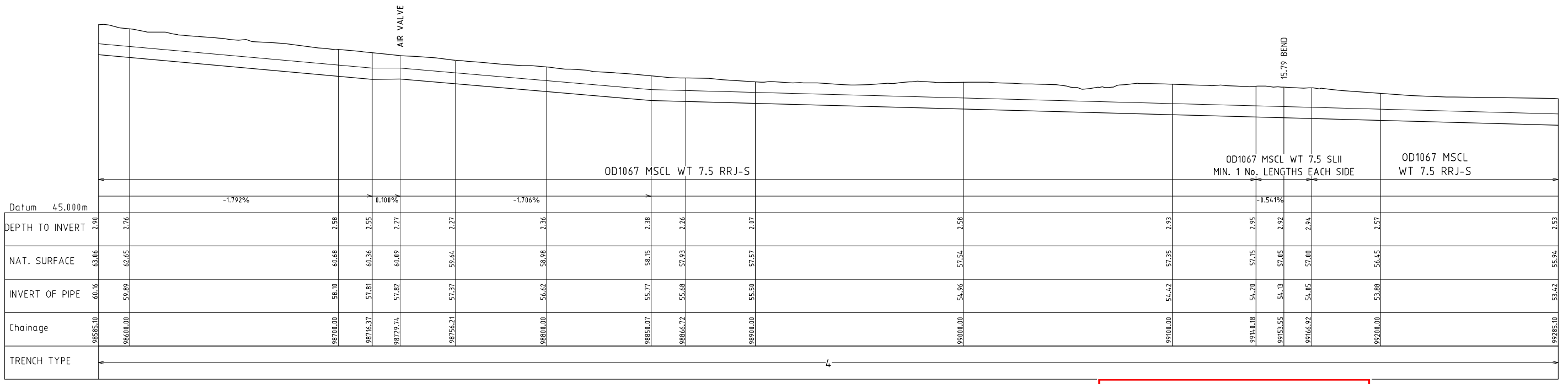
- - FENCE
- G— - GAS
- E— - ELECT'L POWER (OH or UG)
- T— - TELSTRA CABLE
- - DRAIN
- SW— - STORM WATER

- W— - WATER OTHER
- S— - SEWER PIPE
- - 100 ARI FLOOD LEVEL
- - SURVEYED CADASTRE
- - RIGHT OF WAY
- - DCDB

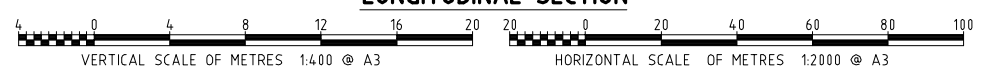
- ⊕ - CULTURAL ARTEFACTS
- ▭ - CONSTRUCTION ZONES
- ▭ - LICENSED AREAS
- ▭ - ENVIRONMENTAL CONSTRAINTS
- ▭ - EXTRA WORK AREAS



**PLAN**



**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



**Gladstone Area Water Board**

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**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 98585.10-99285.10

1151-DL05-W3P-PLC-DRG-65142

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

DO NOT SCALE





**LEGEND:**  
**PROPOSED:**

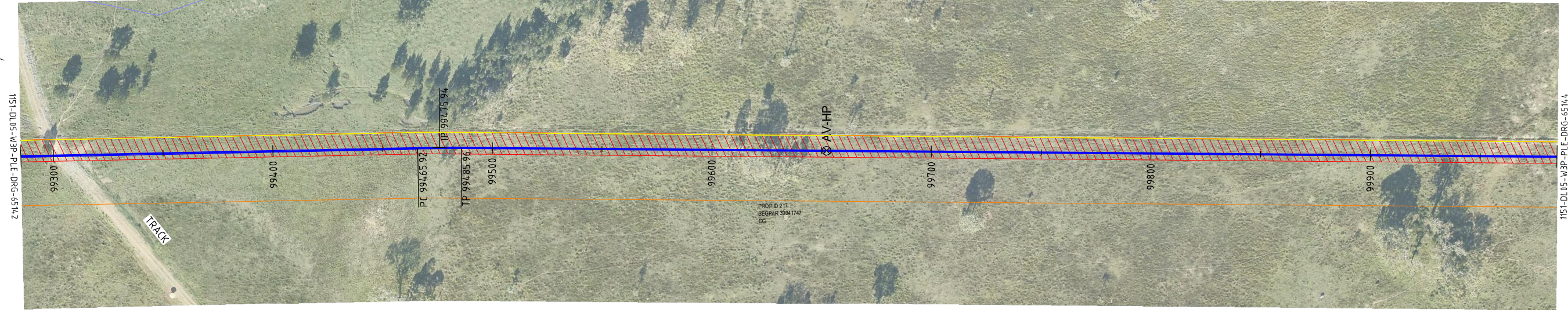
- AIR VALVE
- SCOUR VALVE
- ISOLATION VALVE
- CONTROL VALVE
- PIPELINE
- ENVELOPER PIPE

**LEGEND:**  
**EXISTING:**

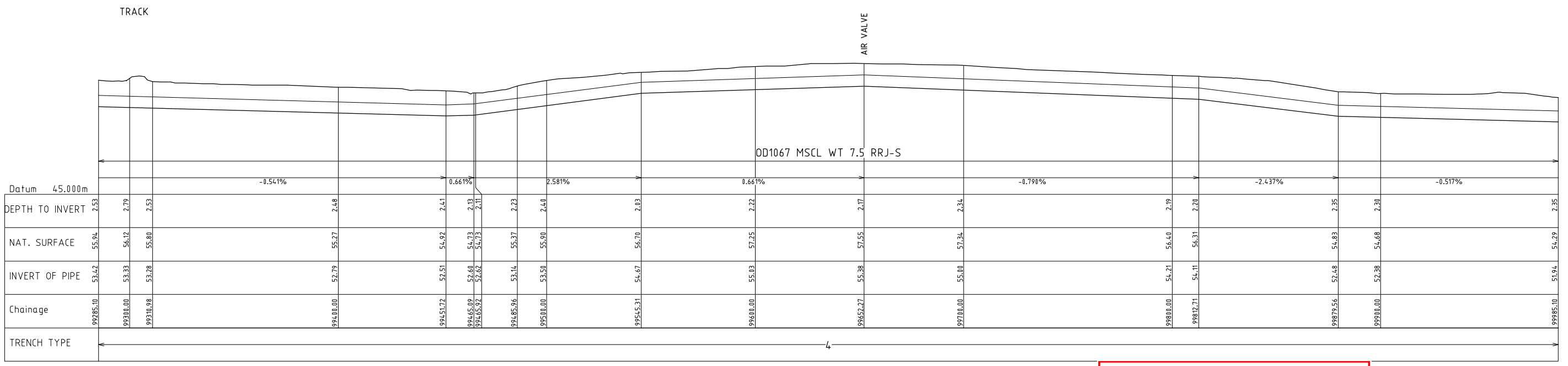
- FENCE
- GAS
- ELECT'L POWER (OH or UG)
- TELSTRA CABLE
- DRAIN
- STORM WATER

- WATER OTHER
- SEWER PIPE
- 100 ARI FLOOD LEVEL
- SURVEYED CADASTRE
- RIGHT OF WAY
- DCDB

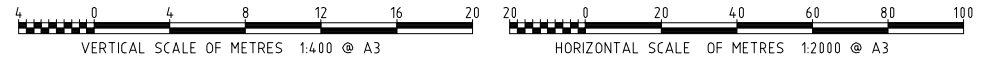
- CULTURAL ARTEFACTS
- CONSTRUCTION ZONES
- LICENSED AREAS
- ENVIRONMENTAL CONSTRAINTS
- EXTRA WORK AREAS



**PLAN**



**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



**Gladstone Area Water Board**

DRAWN BY: TED ALVARADO 04/05/23  
DESIGNED BY: MICHAEL MARIES 04/05/23  
REVIEWED BY: PETER SEMIANIW 04/05/23  
ACCEPTANCE BY: \_\_\_\_\_  
RPEQ APPROVAL: \_\_\_\_\_  
GAWB ACCEPTANCE: \_\_\_\_\_

FITZROY TO GLADSTONE PIPELINE PROJECT  
DL05 PIPELINE CH 99285.10-99985.10

1151-DL05-W3P-PLD-DRG-65143  
PROJECT No. GAWB # A3  
DRAWING No. XXX-X-XXXX  
SCALE AS NOTED  
REV B

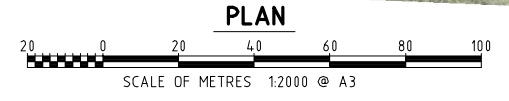
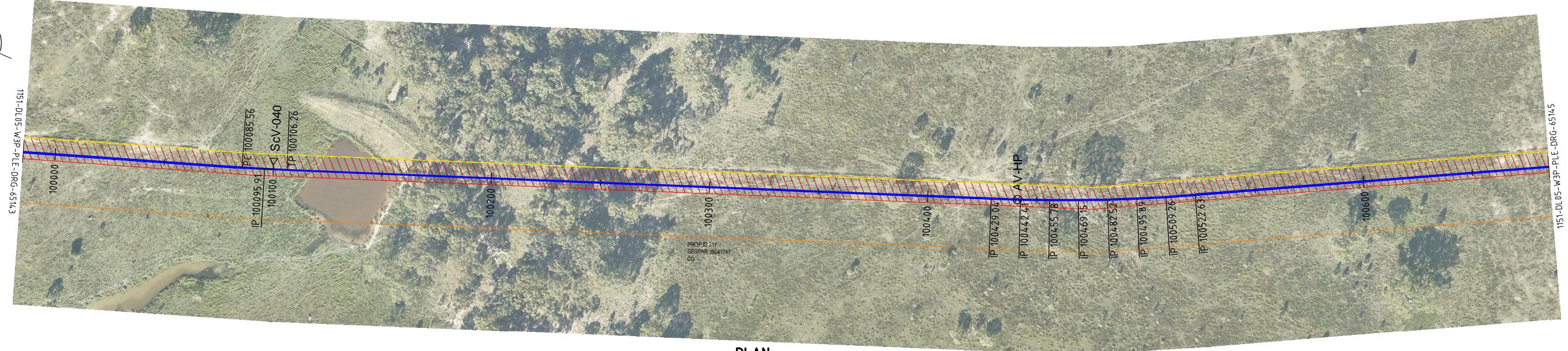
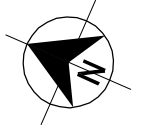
136 Goondoon Street Gladstone Q 4680  
PO Box 466 Gladstone Q 4680  
Tel: (07) 4976 3000  
ABN: 88 409 667 181

DO NOT SCALE





- LEGEND: PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE
- LEGEND: EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS



**LONGITUDINAL SECTION**

Station	Chainage	Invert of Pipe	Nat. Surface	Depth to Invert	Trench Type	Gradient
99985.10	0.0000.00	51.94	54.79	2.85		-0.517%
100000.00	0.0085.56	51.86	54.86	2.20		0.100%
100100.00	0.0100.00	51.34	53.67	2.26		0.707%
100133.59	0.0106.26	51.31	53.61	2.30		2.356%
100174.46	0.0108.83	51.31	53.61	2.30		4.278%
100200.00	0.0133.59	51.34	53.54	2.20		2.356%
100267.29	0.0174.46	51.62	55.48	3.85		0.436%
100280.66	0.0200.00	51.81	53.82	2.12		-1.484%
100300.00	0.0267.29	52.28	54.64	2.35		-2.855%
100342.00	0.0280.66	52.60	54.80	2.21		-0.100%
100374.00	0.0300.00	53.42	55.54	2.11		
100400.00	0.0307.40	53.74	55.81	2.07		
100429.06	0.0400.00	55.92	58.05	2.13		
100442.41	0.0400.59	55.95	58.06	2.12		
100455.78	0.0429.04	56.07	58.29	2.22		
100469.15	0.0444.10	56.12	58.29	2.17		
100482.52	0.0447.41	56.10	58.28	2.18		
100495.89	0.0455.78	55.90	58.17	2.27		
100509.26	0.0469.15	55.70	58.00	2.30		
100522.63	0.0482.52	55.51	57.67	2.17		
100536.00	0.0495.89	55.31	57.37	2.07		
100549.37	0.0500.00	55.25	57.29	2.05		
100562.74	0.0507.95	55.13	57.14	2.02		
100576.11	0.0509.26	54.89	57.02	2.03		
100589.48	0.0522.63	54.71	56.77	2.06		
100602.85	0.0536.00	54.71	56.77	2.06		
100616.22	0.0600.00	53.71	54.77	2.06		
100629.59	0.0616.91	52.55	54.62	2.07		
100642.96	0.0633.82	51.39	54.47	2.08		
100656.29	0.0650.73	50.23	54.32	2.09		
100670.00	0.0667.64	49.07	54.17	2.10		
100683.37	0.0684.55	47.91	54.02	2.11		
100696.74	0.0701.46	46.75	53.87	2.12		
100710.11	0.0718.37	45.59	53.72	2.13		
100723.48	0.0735.28	44.43	53.57	2.14		
100736.85	0.0752.19	43.27	53.42	2.15		
100750.22	0.0769.10	42.11	53.27	2.16		
100763.59	0.0786.01	40.95	53.12	2.17		
100776.96	0.0802.92	39.79	52.97	2.18		
100790.33	0.0819.83	38.63	52.82	2.19		
100803.70	0.0836.74	37.47	52.67	2.20		
100817.07	0.0853.65	36.31	52.52	2.21		
100830.44	0.0870.56	35.15	52.37	2.22		
100843.81	0.0887.47	34.00	52.22	2.23		
100857.18	0.0904.38	32.84	52.07	2.24		
100870.55	0.0921.29	31.68	51.92	2.25		
100883.92	0.0938.20	30.52	51.77	2.26		
100897.29	0.0955.11	29.36	51.62	2.27		
100910.66	0.0972.02	28.20	51.47	2.28		
100924.03	0.0988.93	27.04	51.32	2.29		
100937.40	0.1005.84	25.88	51.17	2.30		
100950.77	0.1022.75	24.72	51.02	2.31		
100964.14	0.1039.66	23.56	50.87	2.32		
100977.51	0.1056.57	22.40	50.72	2.33		
100990.88	0.1073.48	21.24	50.57	2.34		
101004.25	0.1090.39	20.08	50.42	2.35		
101017.62	0.1107.30	18.92	50.27	2.36		
101030.99	0.1124.21	17.76	50.12	2.37		
101044.36	0.1141.12	16.60	49.97	2.38		
101057.73	0.1158.03	15.44	49.82	2.39		
101071.10	0.1174.94	14.28	49.67	2.40		
101084.47	0.1191.85	13.12	49.52	2.41		
101097.84	0.1208.76	11.96	49.37	2.42		
101111.21	0.1225.67	10.80	49.22	2.43		
101124.58	0.1242.58	9.64	49.07	2.44		
101137.95	0.1259.49	8.48	48.92	2.45		
101151.32	0.1276.40	7.32	48.77	2.46		
101164.69	0.1293.31	6.16	48.62	2.47		
101178.06	0.1310.22	5.00	48.47	2.48		
101191.43	0.1327.13	3.84	48.32	2.49		
101204.80	0.1344.04	2.68	48.17	2.50		
101218.17	0.1360.95	1.52	48.02	2.51		
101231.54	0.1377.86	0.36	47.87	2.52		
101244.91	0.1394.77	-0.80	47.72	2.53		
101258.28	0.1411.68	-1.96	47.57	2.54		
101271.65	0.1428.59	-3.12	47.42	2.55		
101285.02	0.1445.50	-4.28	47.27	2.56		
101298.39	0.1462.41	-5.44	47.12	2.57		
101311.76	0.1479.32	-6.60	46.97	2.58		
101325.13	0.1496.23	-7.76	46.82	2.59		
101338.50	0.1513.14	-8.92	46.67	2.60		
101351.87	0.1530.05	-10.08	46.52	2.61		
101365.24	0.1546.96	-11.24	46.37	2.62		
101378.61	0.1563.87	-12.40	46.22	2.63		
101391.98	0.1580.78	-13.56	46.07	2.64		
101405.35	0.1597.69	-14.72	45.92	2.65		
101418.72	0.1614.60	-15.88	45.77	2.66		
101432.09	0.1631.51	-17.04	45.62	2.67		
101445.46	0.1648.42	-18.20	45.47	2.68		
101458.83	0.1665.33	-19.36	45.32	2.69		
101472.20	0.1682.24	-20.52	45.17	2.70		
101485.57	0.1699.15	-21.68	45.02	2.71		
101498.94	0.1716.06	-22.84	44.87	2.72		
101512.31	0.1732.97	-24.00	44.72	2.73		
101525.68	0.1749.88	-25.16	44.57	2.74		
101539.05	0.1766.79	-26.32	44.42	2.75		
101552.42	0.1783.70	-27.48	44.27	2.76		
101565.79	0.1800.61	-28.64	44.12	2.77		
101579.16	0.1817.52	-29.80	43.97	2.78		
101592.53	0.1834.43	-30.96	43.82	2.79		
101605.90	0.1851.34	-32.12	43.67	2.80		
101619.27	0.1868.25	-33.28	43.52	2.81		
101632.64	0.1885.16	-34.44	43.37	2.82		
101646.01	0.1902.07	-35.60	43.22	2.83		
101659.38	0.1918.98	-36.76	43.07	2.84		
101672.75	0.1935.89	-37.92	42.92	2.85		
101686.12	0.1952.80	-39.08	42.77	2.86		
101699.49	0.1969.71	-40.24	42.62	2.87		
101712.86	0.1986.62	-41.40	42.47	2.88		
101726.23	0.2003.53	-42.56	42.32	2.89		
101739.60	0.2020.44	-43.72	42.17	2.90		
101752.97	0.2037.35	-44.88	42.02	2.91		
101766.34	0.2054.26	-46.04	41.87	2.92		
101779.71	0.2071.17	-47.20	41.72	2.93		
101793.08	0.2088.08	-48.36	41.57	2.94		
101806.45	0.2104.99	-49.52	41.42	2.95		
101819.82	0.2121.90	-50.68	41.27	2.96		
101833.19	0.2138.81	-51.84	41.12	2.97		
101846.56	0.2155.72	-53.00	40.97	2.98		
101859.93	0.2172.63	-54.16	40.82	2.99		
101873.30	0.2189.54	-55.32	40.67	3.00		
101886.67	0.2206.45	-56.48	40.52	3.01		
101900.04	0.2223.36	-57.64	40.37	3.02		
101913.41	0.2240.27	-58.80	40.22	3.03		
101926.78	0.2257.18	-59.96	40.07	3.04		
101940.15	0.2274.09	-61.12	39.92	3.05		
101953.52	0.2291.00	-62.28	39.77	3.06		
101966.89	0.2307.91	-63.44	39.62	3.07		
101980.26	0.2324.82	-64.60	39.47	3.08		
101993.63	0.2341.73	-65.76	39.32	3.09		
102007.00	0.2358.64	-66.92	39.17	3.10		
102020.37	0.2375.55	-68.08	39.02	3.11		
102033.74	0.2392.46	-69.24	38.87	3.12		
102047.11	0.2409.37	-70.40	38.72	3.13		
102060.48	0.2426.28	-71.56	38.57	3.14		
102073.85	0.2443.19	-72.72	38.42	3.15		
102087.22	0.2460.10	-73.88	38.27	3.16		
102100.59	0.2477.01	-75.04	38.12	3.17		
102113.96	0.2493.92	-76.20	37.97	3.18		
102127.33	0.2510.83	-77.36	37.82	3.19		
102140.70	0.2527.74	-78.52	37.67	3.20		
102154.07	0.2544.65	-79.68	37.52	3.21		
102167.44	0.2561.56	-80.84	37.37	3.22		
102180.81	0.2578.47	-82.00	37.22	3.23		
102194.18	0.2595.38	-83.16	37.07	3.24		
102207.55	0.2612.29	-84.32	36.92	3.25		
102220.92	0.2629.20	-85.48	36.77	3.26		

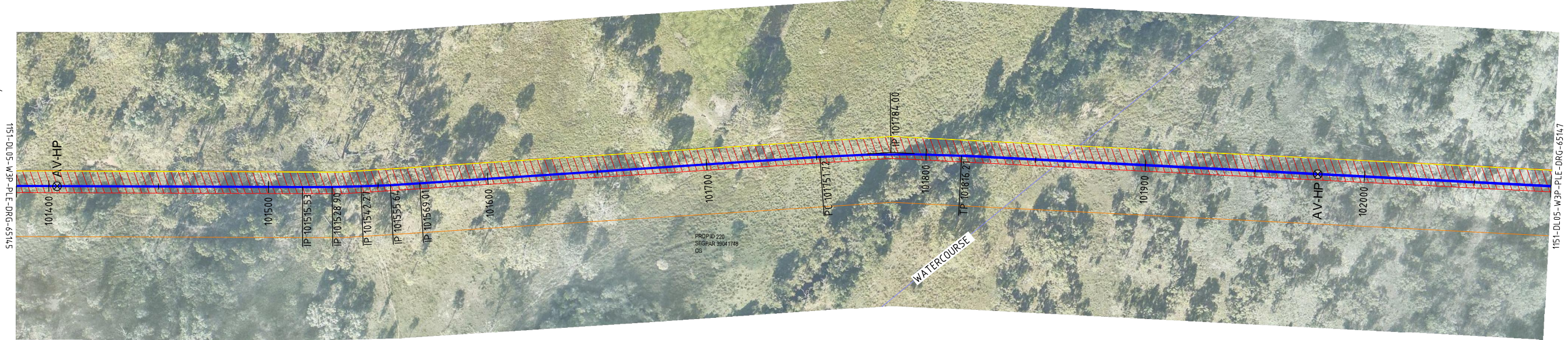




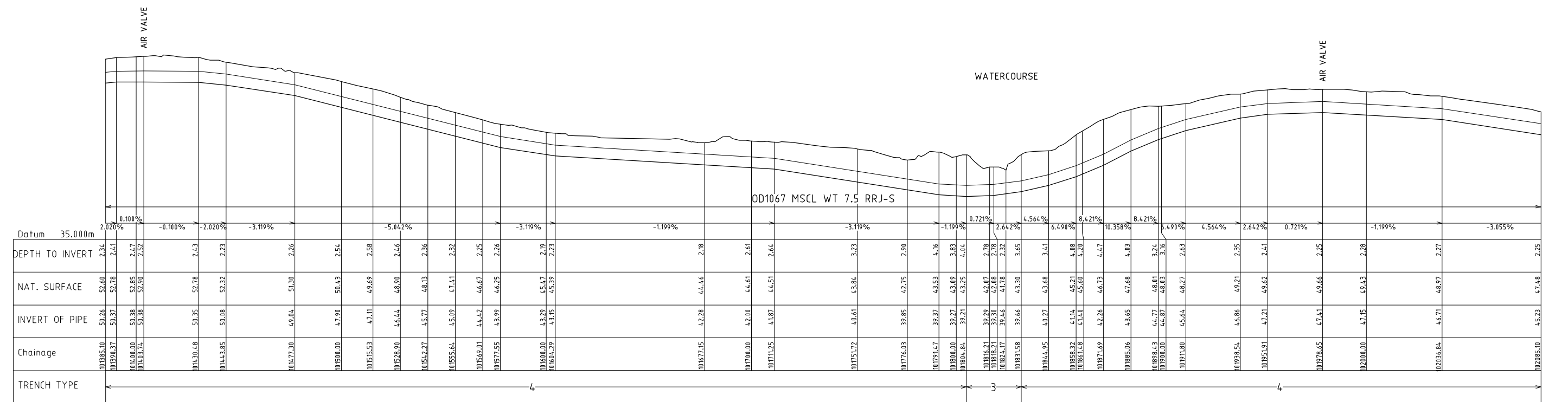




- LEGEND: PROPOSED:**
- ⊗ - AIR VALVE
  - ▽ - SCOUR VALVE
  - ⊙ - ISOLATION VALVE
  - ⊖ - CONTROL VALVE
  - - PIPELINE
  - - ENVELOPER PIPE
- LEGEND: EXISTING:**
- - FENCE
  - G - GAS
  - E - ELECT'L POWER (OH or UG)
  - T - TELSTRA CABLE
  - - DRAIN
  - SW - STORM WATER
  - - DCDB
- W - WATER OTHER
  - S - SEWER PIPE
  - - 100 ARI FLOOD LEVEL
  - - SURVEYED CADASTRE
  - - RIGHT OF WAY
  - - CULTURAL ARTEFACTS
  - - CONSTRUCTION ZONES
  - - LICENSED AREAS
  - - ENVIRONMENTAL CONSTRAINTS
  - - EXTRA WORK AREAS



**PLAN**  
SCALE OF METRES 1:2000 @ A3



**LONGITUDINAL SECTION**  
VERTICAL SCALE OF METRES 1:400 @ A3  
HORIZONTAL SCALE OF METRES 1:2000 @ A3

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**  
SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			

DO NOT SCALE

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

DESIGNED BY: TED ALVARADO 04/05/23  
DESIGNED BY: MICHAEL MARIES 04/05/23  
REVIEWED BY: PETER SEMIANIW 04/05/23

ACCEPTANCE BY: \_\_\_\_\_  
RPEQ APPROVAL: \_\_\_\_\_  
GAWB ACCEPTANCE: \_\_\_\_\_

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**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 101385.10-102085.10

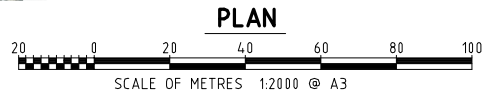
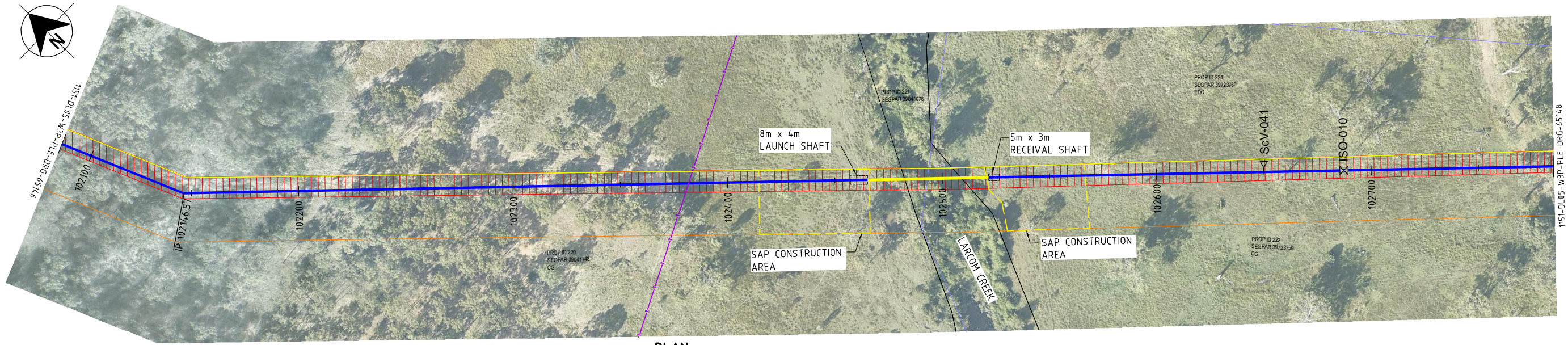
1151-DL05-W3P-PLD-DRG-65146

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

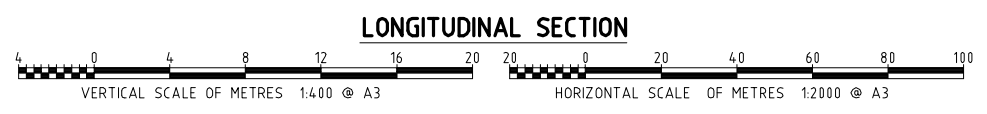
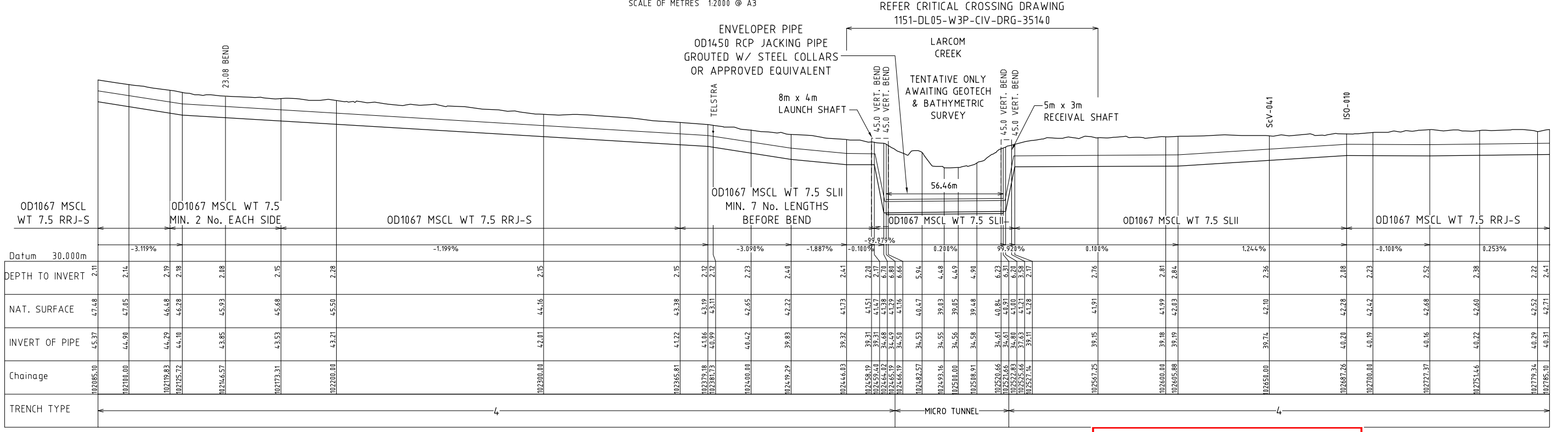




- LEGEND: PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE
- LEGEND: EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS



NOTE: CRITICAL CROSSING DETAIL STILL UNDER DEVELOPMENT



PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2022/006

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND

NAME: \_\_\_\_\_

RPEQ NO: \_\_\_\_\_

DIVISION: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**

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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS	-	-	-
A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS	-	-	-



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

DESIGNED BY: TED ALVARADO 04/05/23

DESIGNED BY: MICHAEL MARIES 04/05/23

REVIEWED BY: PETER SEMIANIW 04/05/23

ACCEPTANCE BY: \_\_\_\_\_

PROJECT No: FITZROY TO GLADSTONE PIPELINE PROJECT DL05 PIPELINE CH 102085.10-102785.10

1151-DL05-W3P-PLD-DRG-65147

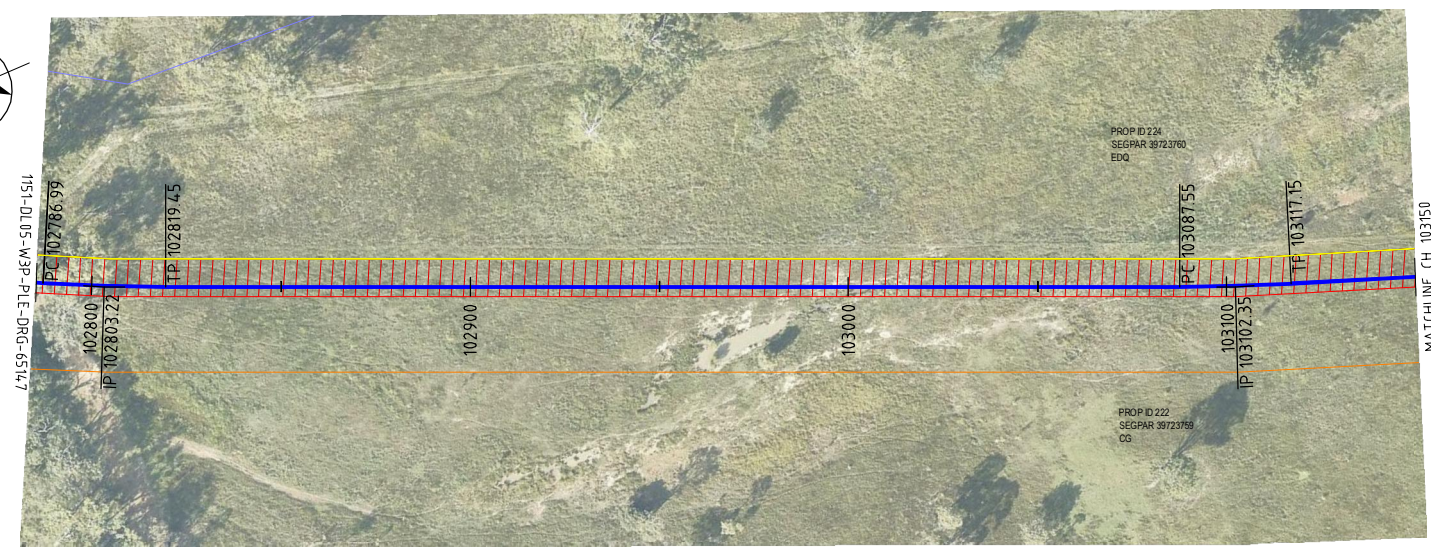
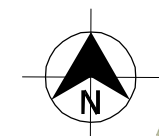
PROJECT No: GAWB # A3 DRAWING No: XXX-X-XXXX SCALE: AS NOTED REV: B

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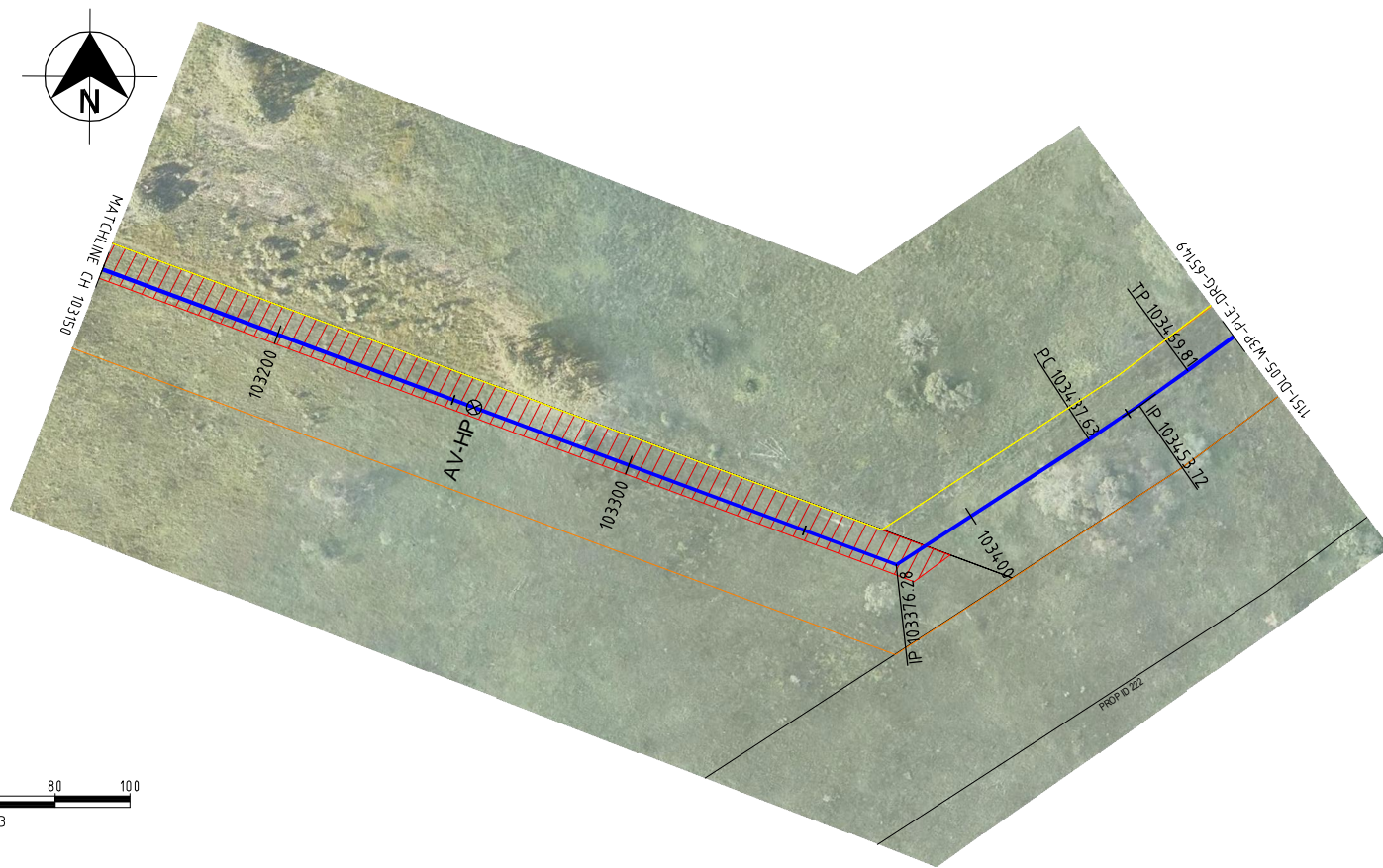




- LEGEND: PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE
- LEGEND: EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
- WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
- CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS

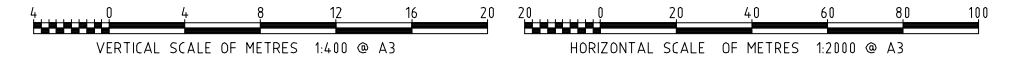


**PLAN**  
SCALE OF METRES 1:2000 @ A3



Station	Chainage	NAT. SURFACE	INVERT OF PIPE	DEPTH TO INVERT	TRENCH TYPE
102785.10	02785.10	42.71	40.31	2.41	4
102786.99	02786.99	42.71	40.31	2.39	
102819.45	02819.45	42.71	40.35	2.36	4
102834.33	02834.33	42.70	40.43	2.27	
102900.00	02900.00	43.24	41.13	2.12	4
102914.55	02914.55	43.42	41.28	2.14	
103000.00	03000.00	43.56	41.36	2.19	4
103034.88	03034.88	43.73	41.40	2.33	
103087.55	03087.55	44.27	41.17	2.11	4
103100.00	03100.00	44.52	42.35	2.17	
103117.15	03117.15	45.04	42.60	2.45	4
103200.00	03200.00	46.26	43.80	2.45	
103255.95	03255.95	46.79	44.62	2.17	4
103269.32	03269.32	46.82	44.61	2.22	
103300.00	03300.00	47.62	44.57	2.45	4
103376.28	03376.28	47.81	44.50	2.51	
103400.00	03400.00	47.26	44.47	2.78	4
103437.63	03437.63	47.51	44.44	3.07	
103469.81	03469.81	47.55	44.40	3.15	4
103483.24	03483.24	47.61	44.39	3.22	
103495.10	03495.10	47.61	44.39	3.22	4

**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

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DO NOT SCALE

**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 102785.10-103485.10

1151-DL05-W3P-PL-DRG-65148

DRAWN BY	TED ALVARADO	04/05/23
DESIGNED BY	MICHAEL MARIES	04/05/23
REVIEWED BY	PETER SEMIANIW	04/05/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

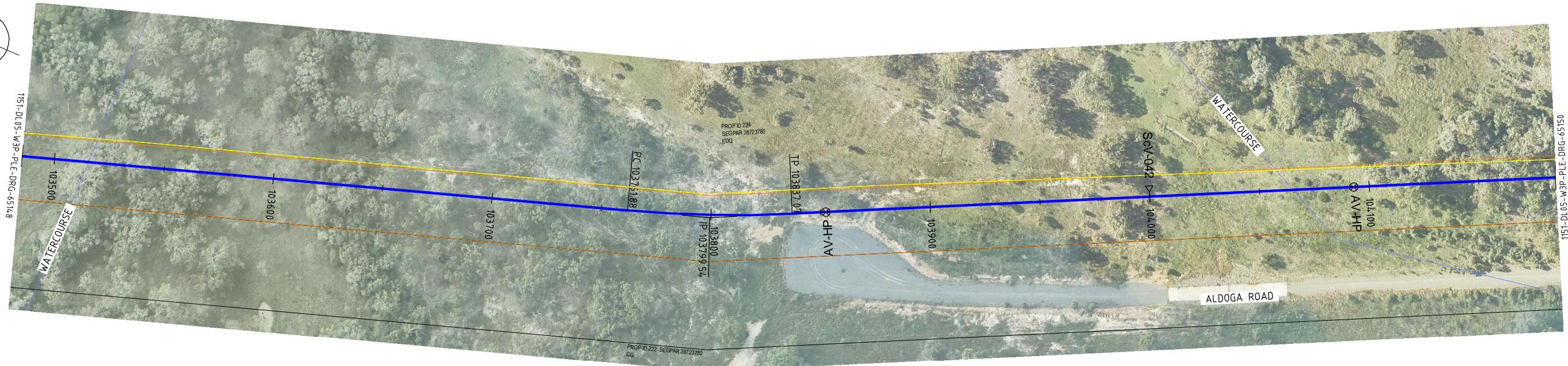
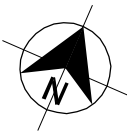
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PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

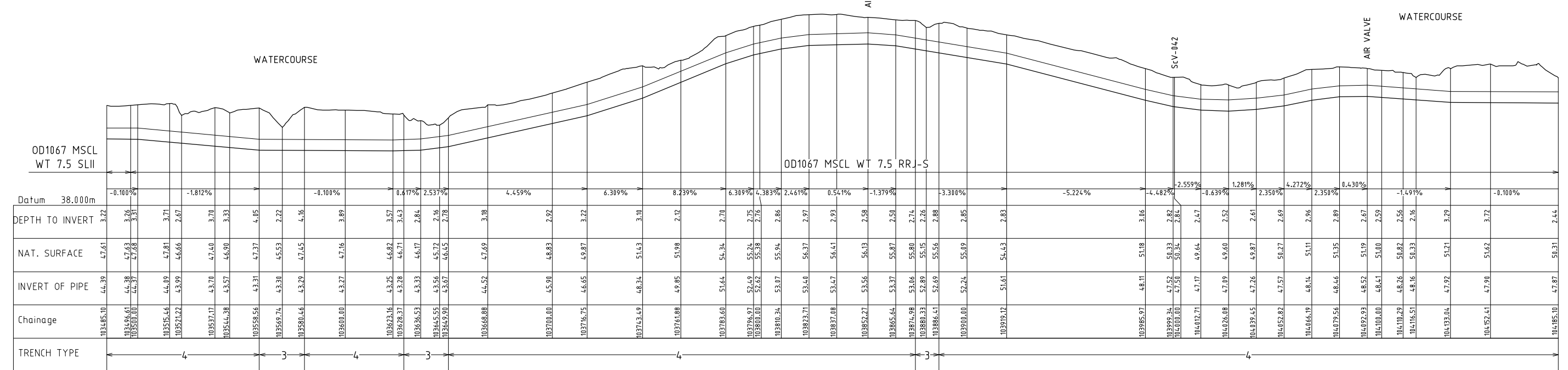




- LEGEND: PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE
- LEGEND: EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
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  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS



**PLAN**  
SCALE OF METRES 1:2000 @ A3



**LONGITUDINAL SECTION**  
VERTICAL SCALE OF METRES 1:400 @ A3  
HORIZONTAL SCALE OF METRES 1:2000 @ A3

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**  
SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 103485.10-104185.10

1151-DL05-W3P-PL-DRG-65149

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

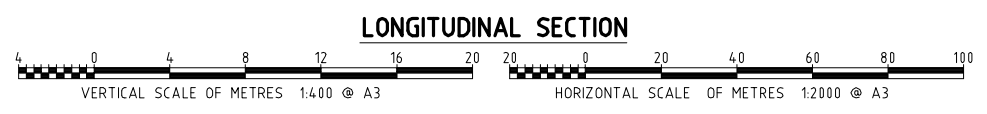
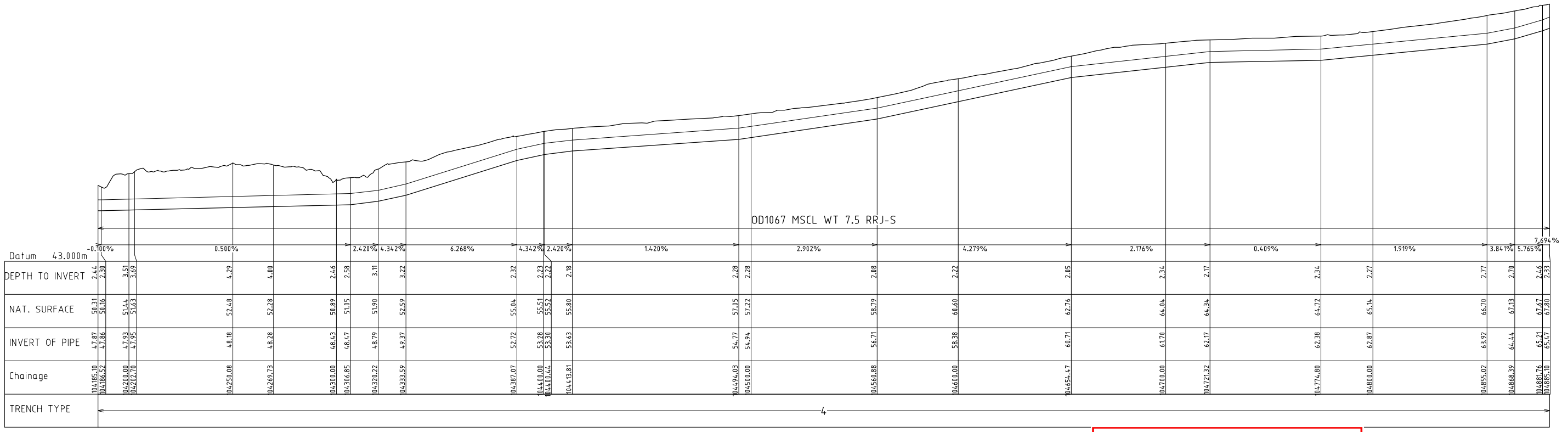
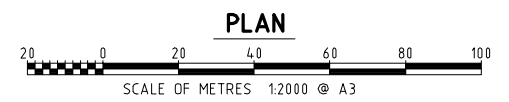
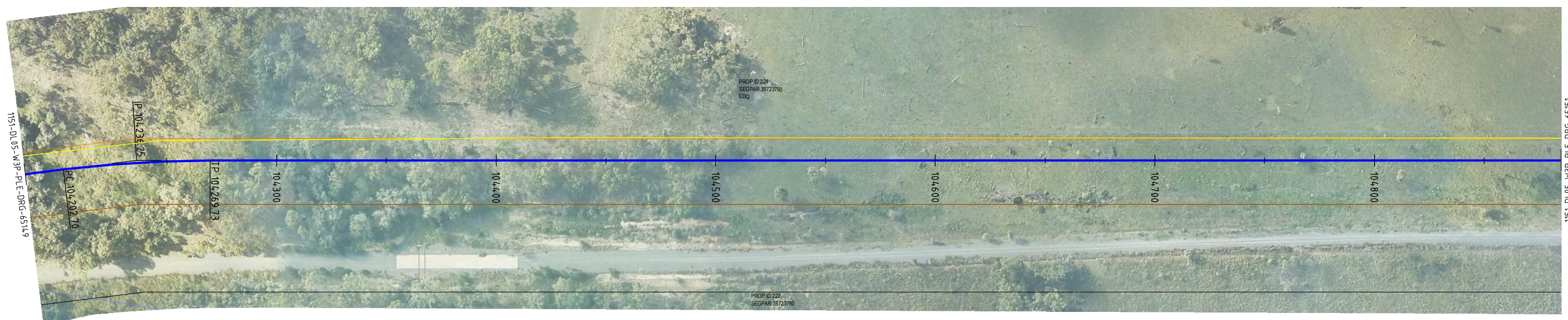
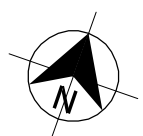
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SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
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RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



**Gladstone Area Water Board**  
136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 104185.10-104885.10

1151-DL05-W3P-PL-E-DRG-65151

PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

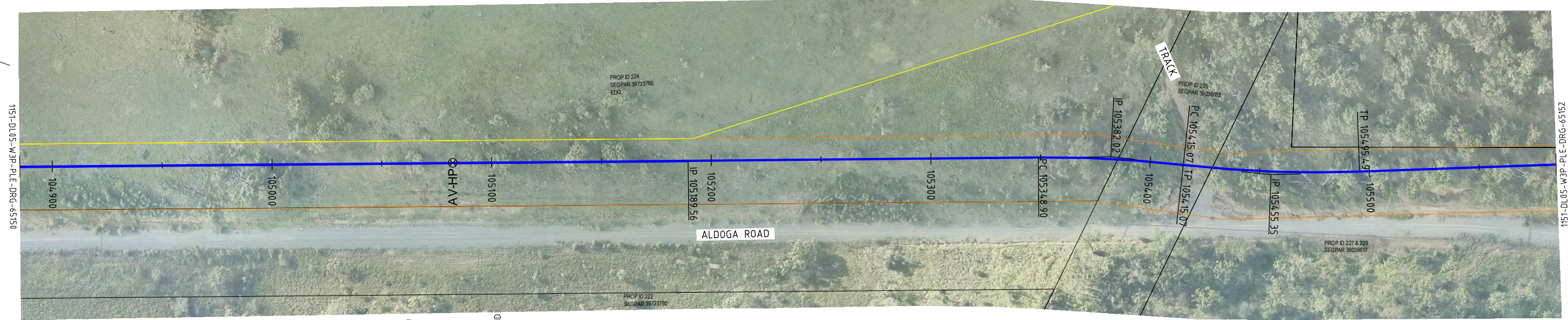
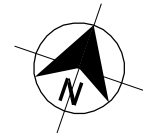
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DO NOT SCALE

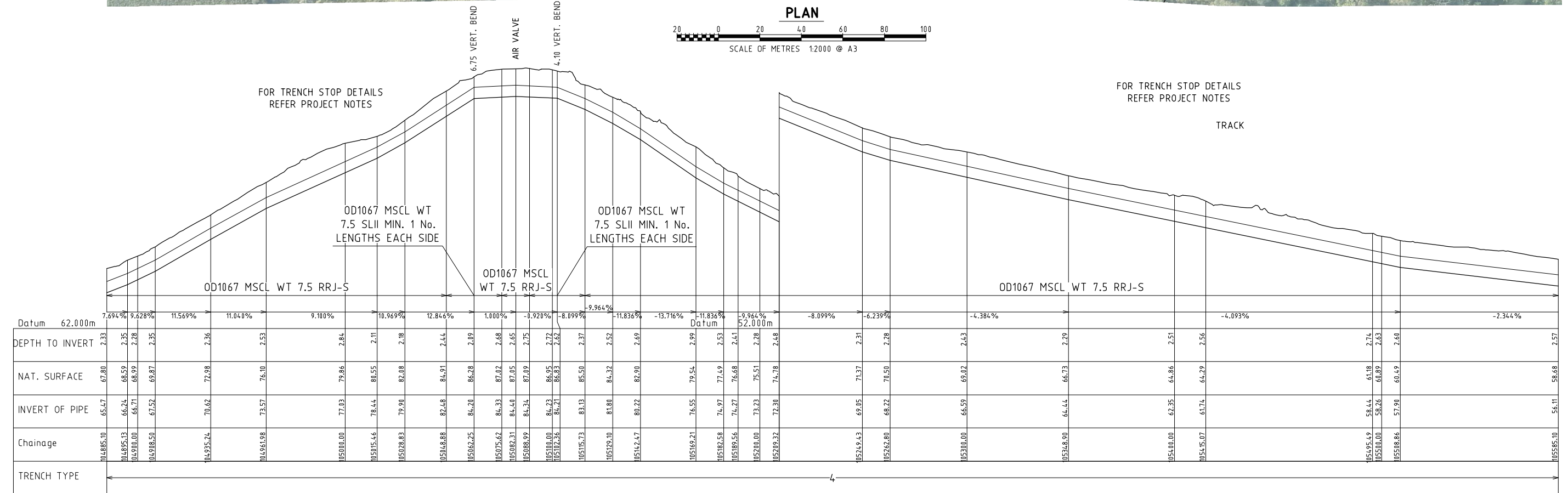




- LEGEND: PROPOSED:**
- ⊗ - AIR VALVE
  - ▽ - SCOUR VALVE
  - ⊙ - ISOLATION VALVE
  - ⊖ - CONTROL VALVE
  - - PIPELINE
  - - ENVELOPER PIPE
- LEGEND: EXISTING:**
- / — - FENCE
  - G - GAS
  - E - ELECT'L POWER (OH or UG)
  - T - TELSTRA CABLE
  - - DRAIN
  - SW - STORM WATER
  - - DCDB
- LEGEND: OTHER:**
- W - WATER OTHER
  - S - SEWER PIPE
  - - 100 ARI FLOOD LEVEL
  - - SURVEYED CADASTRE
  - - RIGHT OF WAY
  - - CULTURAL ARTEFACTS
  - - CONSTRUCTION ZONES
  - - LICENSED AREAS
  - - ENVIRONMENTAL CONSTRAINTS
  - - EXTRA WORK AREAS



**PLAN**  
SCALE OF METRES 1:2000 @ A3



**LONGITUDINAL SECTION**  
VERTICAL SCALE OF METRES 1:400 @ A3  
HORIZONTAL SCALE OF METRES 1:2000 @ A3

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



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A	25/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 104885.10-105585.10

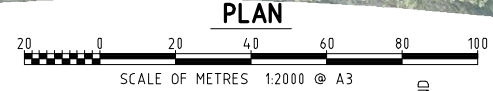
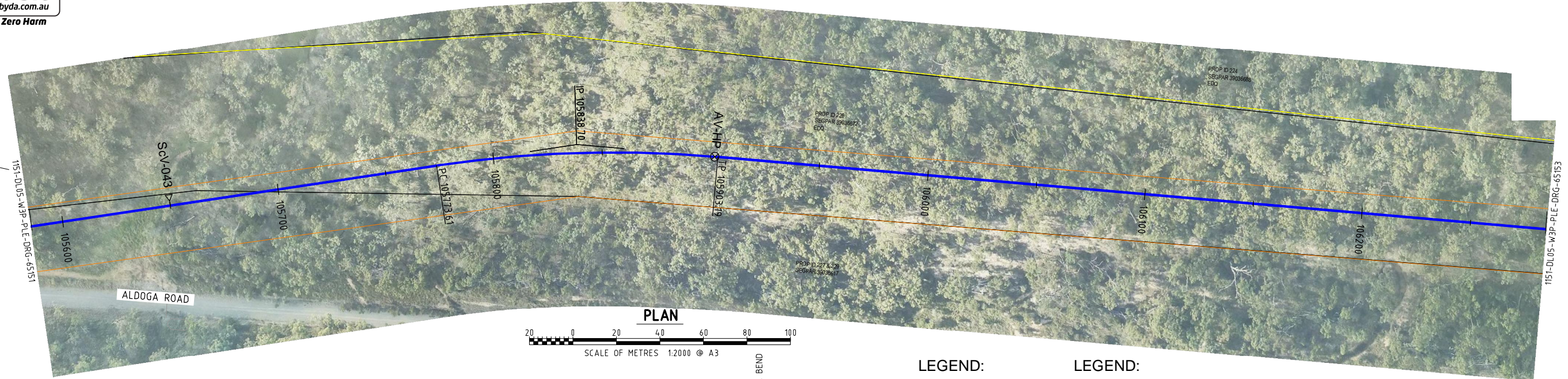
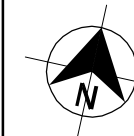
1151-DL05-W3P-PLD-DRG-65151

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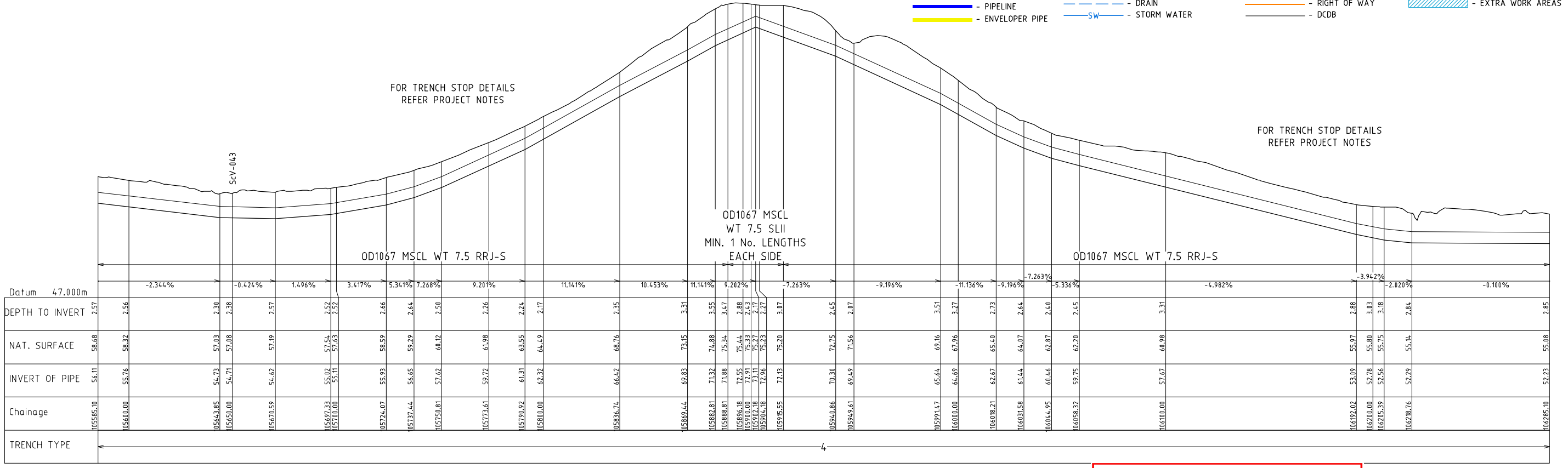
DRAWN BY	TED ALVARADO	04/05/23
DESIGNED BY	MICHAEL MARIES	04/05/23
REVIEWED BY	PETER SEMIANIW	04/05/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

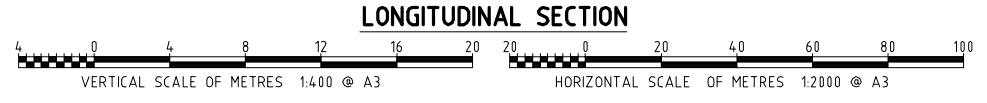




- LEGEND: PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE
- LEGEND: EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
- WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
- CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS



Datum	-2.344%		-0.424%		1.496%		3.417%		5.341%		7.268%		9.281%		11.141%		10.453%		11.141%		9.202%		-7.263%		-9.196%		-11.136%		-9.196%		-7.263%		-5.336%		-4.982%		-3.942%		-2.020%		-0.100%	
DEPTH TO INVERT	2.57	2.56	2.38	2.38	2.57	2.66	2.64	2.59	2.26	2.24	2.17	2.35	3.31	3.55	3.47	2.88	2.45	2.07	3.51	3.27	2.73	2.64	2.48	2.45	3.31	2.88	3.03	3.18	2.84	2.85												
NAT. SURFACE	58.68	58.32	57.83	57.08	57.19	58.59	59.29	60.12	61.98	63.55	64.49	68.76	73.15	74.88	75.34	75.44	72.75	71.56	69.16	67.26	65.40	64.87	62.87	62.20	60.88	55.97	55.80	55.75	55.14	55.18												
INVERT OF PIPE	56.11	55.76	54.73	54.71	54.62	55.93	56.65	57.62	59.72	61.31	63.32	66.42	69.83	71.32	71.88	72.55	70.30	69.49	65.64	64.69	62.67	61.44	60.46	59.75	57.67	53.09	52.78	52.56	52.29	52.23												
Chainage	105585.10	105600.00	105643.85	105650.00	105670.59	105697.33	105700.00	105724.07	105737.44	105758.81	105773.61	105798.92	105800.00	105836.74	105869.44	105882.81	105888.81	105906.18	105910.18	105914.18	105915.55	105948.86	105949.61	105991.47	106000.00	106018.21	106031.58	106044.95	106058.32	106100.00	106192.02	106200.00	106205.39	106218.76	106285.10							
TRENCH TYPE																																										



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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**Gladstone Area Water Board**  
 136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
 DL05 PIPELINE CH 105585.10-106285.10

1151-DL05-W3P-PL-DRG-65152

PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

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DRAWN BY: TED ALVARADO 04/05/23  
 DESIGNED BY: MICHAEL MARIES 04/05/23  
 REVIEWED BY: PETER SEMIANIW 04/05/23  
 ACCEPTANCE BY: \_\_\_\_\_





**LEGEND:**  
PROPOSED:

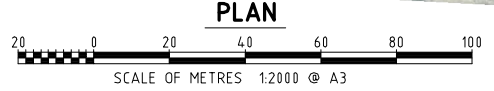
- ⊗ - AIR VALVE
- ▽ - SCOUR VALVE
- ⊖ - ISOLATION VALVE
- ⊙ - CONTROL VALVE
- - PIPELINE
- - ENVELOPER PIPE

**LEGEND:**  
EXISTING:

- / — - FENCE
- G — GAS
- E — ELECT'L POWER (OH or UG)
- T — TELSTRA CABLE
- — DRAIN
- SW — STORM WATER

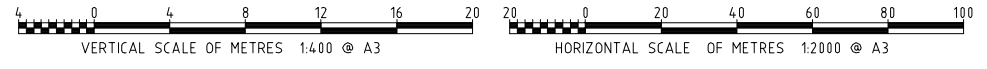
- W — WATER OTHER
- S — SEWER PIPE
- 100 ARI FLOOD LEVEL
- SURVEYED CADASTRE
- RIGHT OF WAY
- DCDB

- ⊕ - CULTURAL ARTEFACTS
- ▭ - CONSTRUCTION ZONES
- ▨ - LICENSED AREAS
- ▨ - ENVIRONMENTAL CONSTRAINTS
- ▨ - EXTRA WORK AREAS



Stationing	Chainage	TRENCH TYPE	DEPTH TO INVERT	NAT. SURFACE	INVERT OF PIPE	Gradients
106285.10	0.6298.88		2.85	55.81	52.73	-0.100%
106300.00	0.6300.00		2.51	54.73	52.70	-1.671%
106322.46	0.6322.46		3.14	54.46	51.32	
106348.13	0.6348.13		2.17	53.49	51.33	
106400.00	0.6400.00		2.88	54.25	51.38	0.118%
106500.00	0.6500.00		3.19	54.69	51.50	
106579.39	0.6579.39		3.78	55.37	51.59	
106600.00	0.6600.00		3.63	55.24	51.61	
106662.77	0.6662.77		2.20	53.89	51.69	
106669.77	0.6669.77		2.75	54.44	51.69	
106683.74	0.6683.74		2.75	54.56	51.80	
106700.00	0.6700.00		2.58	54.53	51.94	0.822%
106716.22	0.6716.22		2.23	54.80	52.57	
106733.67	0.6733.67		2.17	54.88	52.71	
106800.00	0.6800.00		2.25	54.91	52.66	-0.834%
106860.52	0.6860.52		2.62	54.57	52.16	0.754%
106873.89	0.6873.89		2.31	54.56	52.26	
106900.00	0.6900.00		2.73	55.68	52.95	2.675%
106914.00	0.6914.00		2.98	56.30	53.33	
106985.10	0.6985.10		2.82	56.69	53.87	0.754%

**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
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**Gladstone Area Water Board**  
136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 106285.10-106985.10

1151-DL05-W3P-PL-DRG-65154

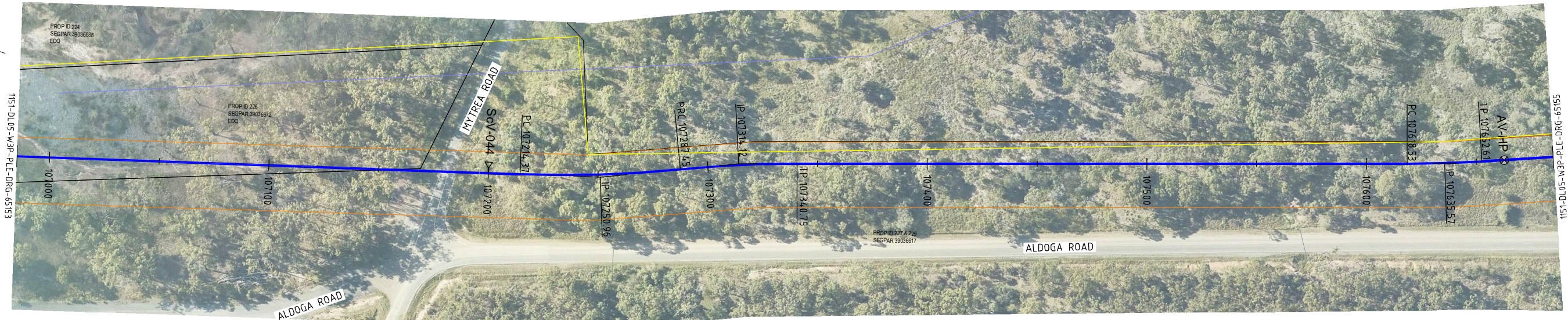
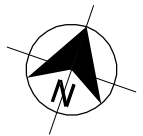
PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

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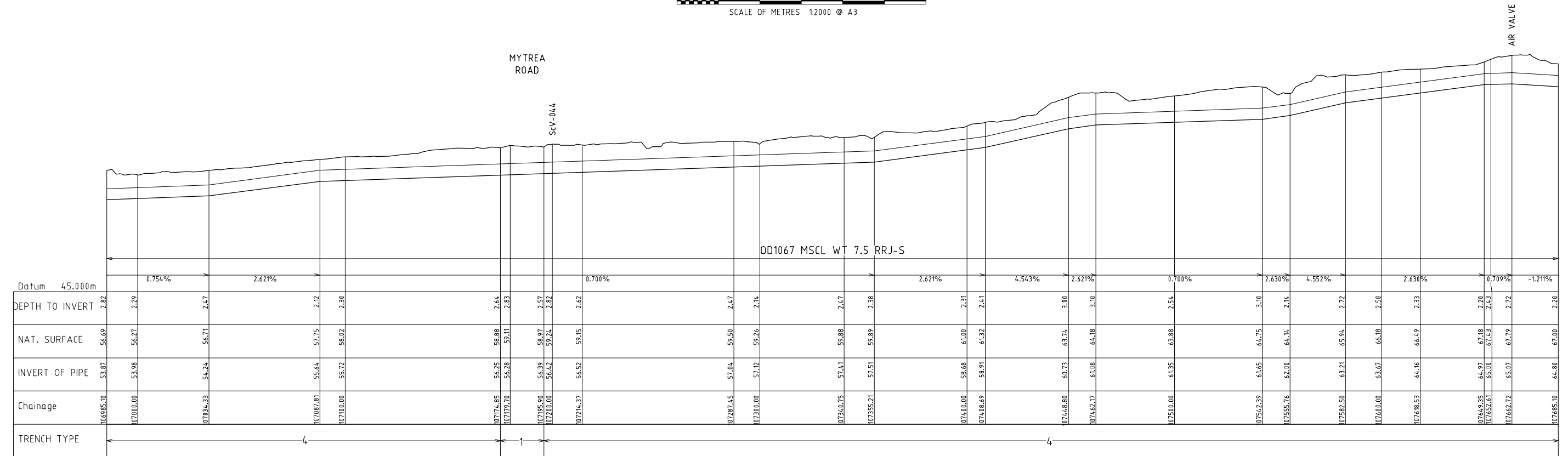




- LEGEND: PROPOSED:**
- ⊗ - AIR VALVE
  - ▽ - SCOUR VALVE
  - - ISOLATION VALVE
  - ⊙ - CONTROL VALVE
  - - PIPELINE
  - - ENVELOPER PIPE
- LEGEND: EXISTING:**
- - FENCE
  - G - GAS
  - E - ELECT'L POWER (OH or UG)
  - T - TELSTRA CABLE
  - - DRAIN
  - SW - STORM WATER
  - - DCDB
- LEGEND: EXISTING:**
- W - WATER OTHER
  - S - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - - CULTURAL ARTEFACTS
  - - CONSTRUCTION ZONES
  - - LICENSED AREAS
  - - ENVIRONMENTAL CONSTRAINTS
  - - EXTRA WORK AREAS



**PLAN**  
SCALE OF METRES 1:2000 @ A3



**LONGITUDINAL SECTION**  
VERTICAL SCALE OF METRES 1:400 @ A3  
HORIZONTAL SCALE OF METRES 1:2000 @ A3

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 106985.10-107685.10

1151-DL05-W3P-PLE-DRG-65154

PROJECT No. GAWB # A3 SIZE XXX-X-XXXXX SCALE AS NOTED REV B

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
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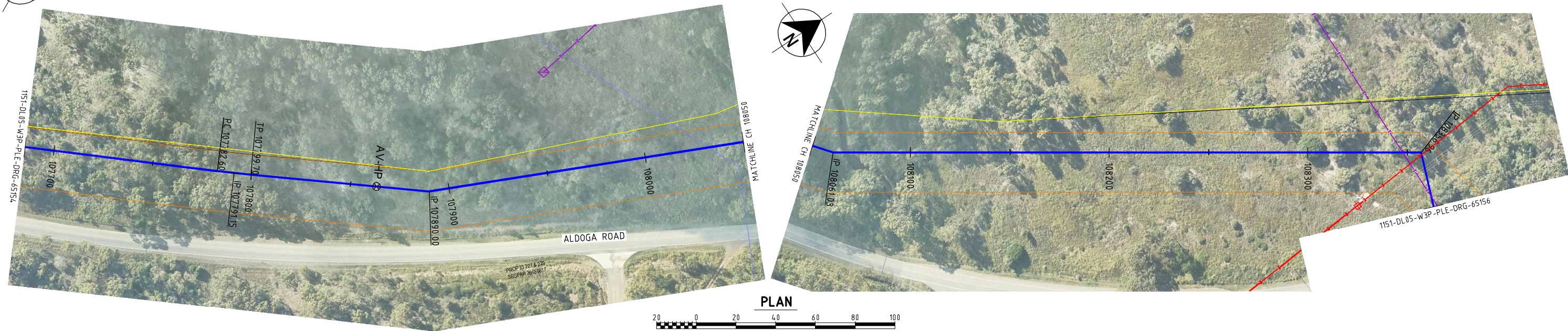
DO NOT SCALE

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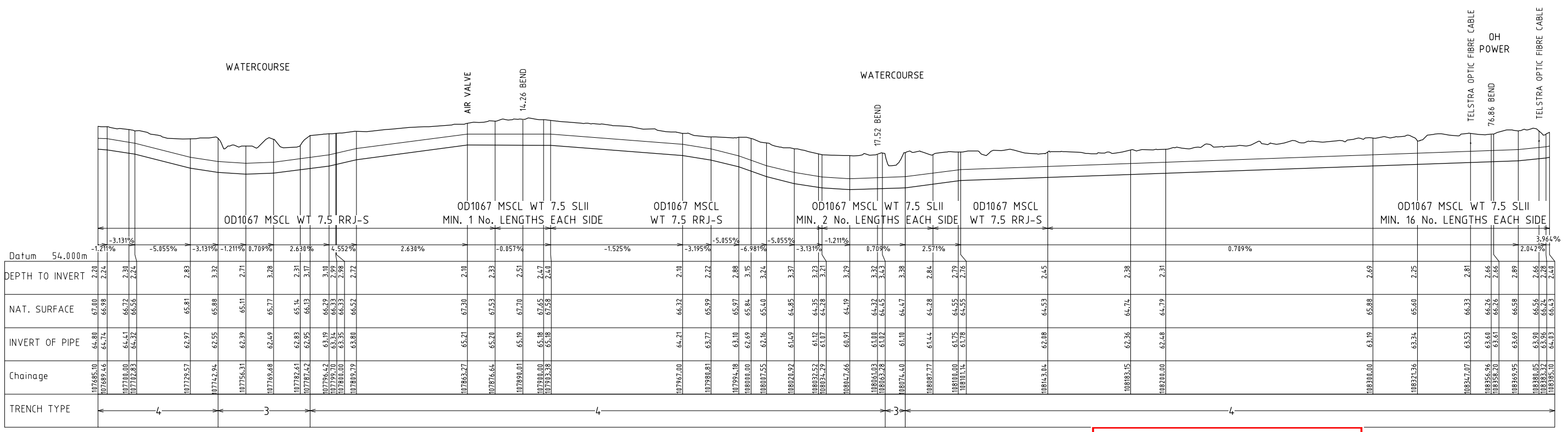




- LEGEND: PROPOSED:**
- ⊗ - AIR VALVE
  - ▽ - SCOUR VALVE
  - ⊖ - ISOLATION VALVE
  - ⊙ - CONTROL VALVE
  - - PIPELINE
  - - ENVELOPER PIPE
- LEGEND: EXISTING:**
- - FENCE
  - G - GAS
  - E - ELECT'L POWER (OH or UG)
  - T - TELSTRA CABLE
  - - DRAIN
  - SW - STORM WATER
  - - WATER OTHER
  - S - SEWER PIPE
  - - 100 ARI FLOOD LEVEL
  - - SURVEYED CADASTRE
  - - RIGHT OF WAY
  - - DCDB
  - ⊕ - CULTURAL ARTEFACTS
  - ▭ - CONSTRUCTION ZONES
  - ▭ - LICENSED AREAS
  - ▭ - ENVIRONMENTAL CONSTRAINTS
  - ▭ - EXTRA WORK AREAS



**PLAN**  
SCALE OF METRES 1:2000 @ A3



**LONGITUDINAL SECTION**  
VERTICAL SCALE OF METRES 1:400 @ A3  
HORIZONTAL SCALE OF METRES 1:2000 @ A3

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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**Gladstone Area Water Board**  
136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

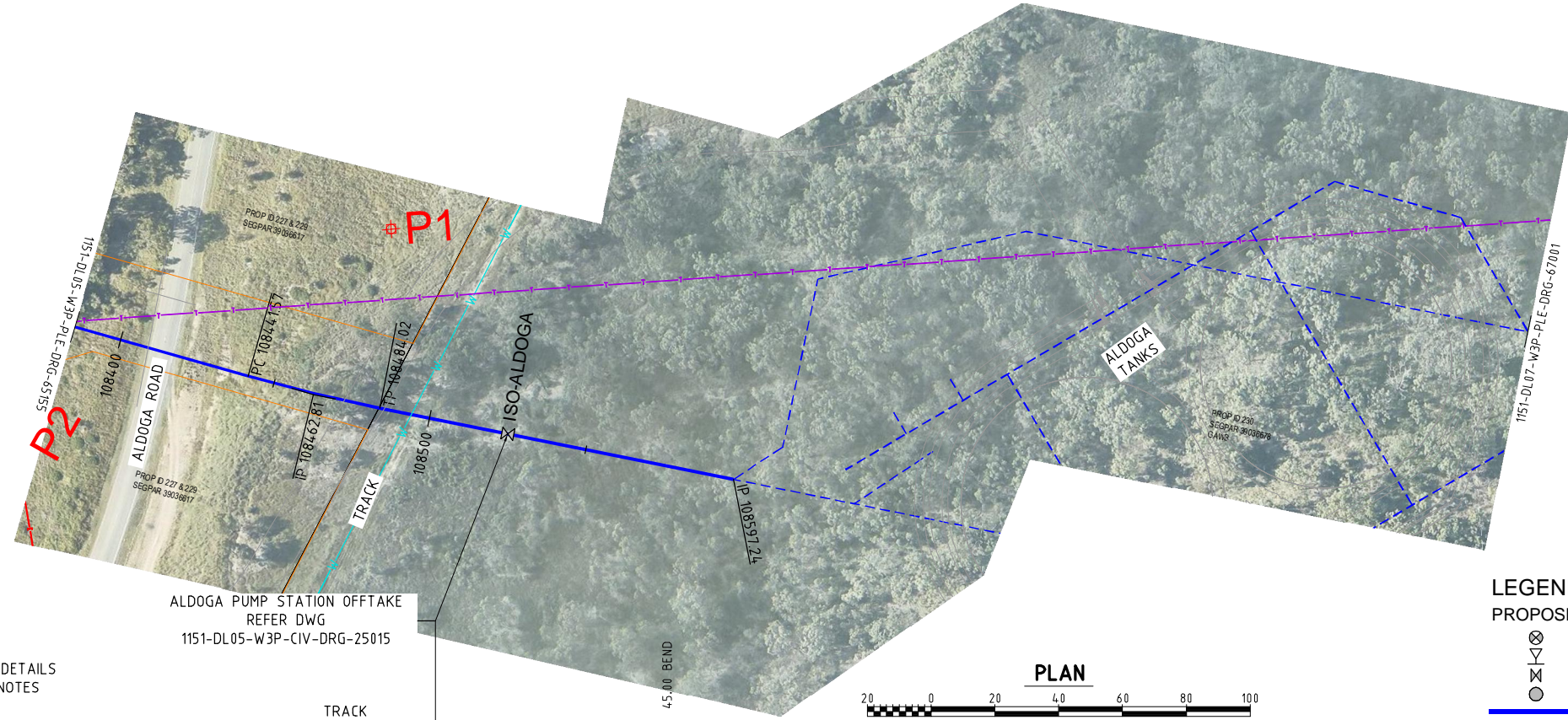
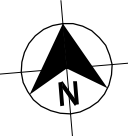
**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL05 PIPELINE CH 107685.10-108385.10

1151-DL05-W3P-PLE-DRG-65155

PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

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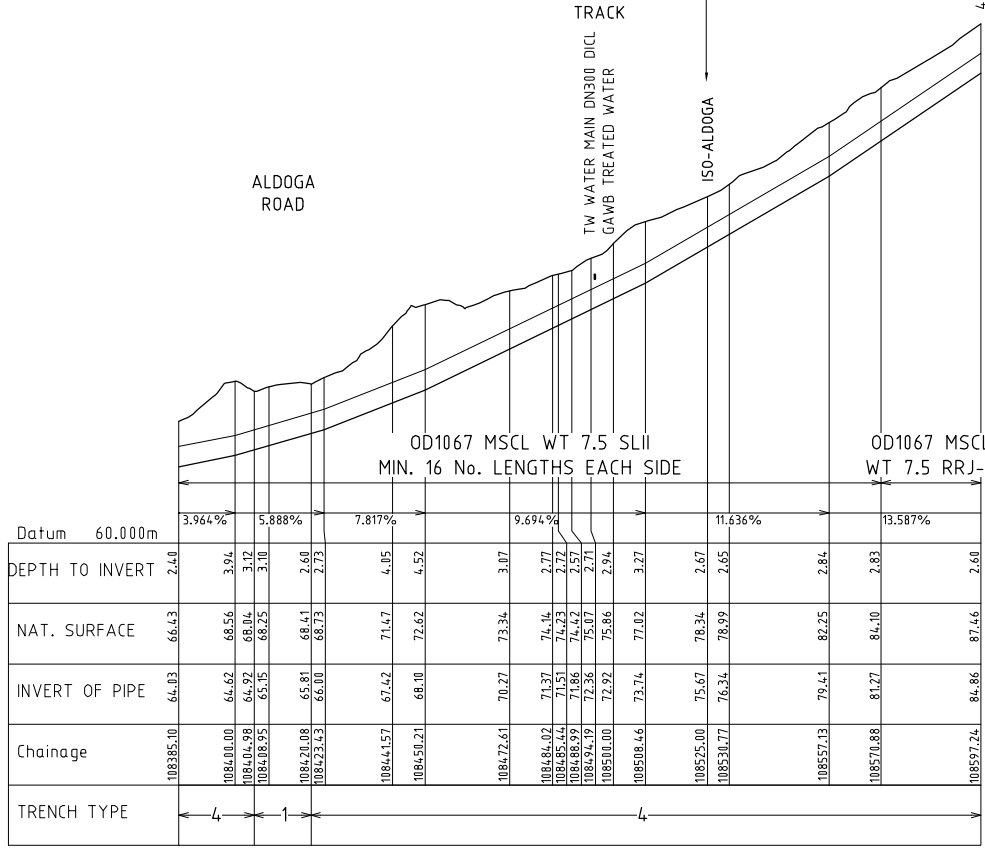


- LEGEND:**  
**PROPOSED:**  
 ⊗ - AIR VALVE  
 ∇ - SCOUR VALVE  
 ⊗ - ISOLATION VALVE  
 ○ - CONTROL VALVE  
 — - PIPELINE  
 — - ENVELOPER PIPE

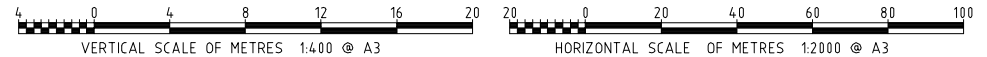
- LEGEND:**  
**EXISTING:**  
 — / — - FENCE  
 G — - GAS  
 E — - ELECT'L POWER (OH or UG)  
 T — - TELSTRA CABLE  
 — - DRAIN  
 SW — - STORM WATER  
 W — - WATER OTHER  
 S — - SEWER PIPE  
 — - 100 ARI FLOOD LEVEL  
 — - SURVEYED CADASTRE  
 — - RIGHT OF WAY  
 — - DCDB  
 ⊕ - CULTURAL ARTEFACTS  
 [ ] - CONSTRUCTION ZONES  
 [ ] - LICENSED AREAS  
 [ ] - ENVIRONMENTAL CONSTRAINTS  
 [ ] - EXTRA WORK AREAS

FOR TRENCH STOP DETAILS REFER PROJECT NOTES

ALDOGA PUMP STATION OFFTAKE REFER DWG 1151-DL05-W3P-CIV-DRG-25015



LONGITUDINAL SECTION



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**  
 SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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DO NOT SCALE

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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
 DL05 PIPELINE CH 108385.10-108597.24

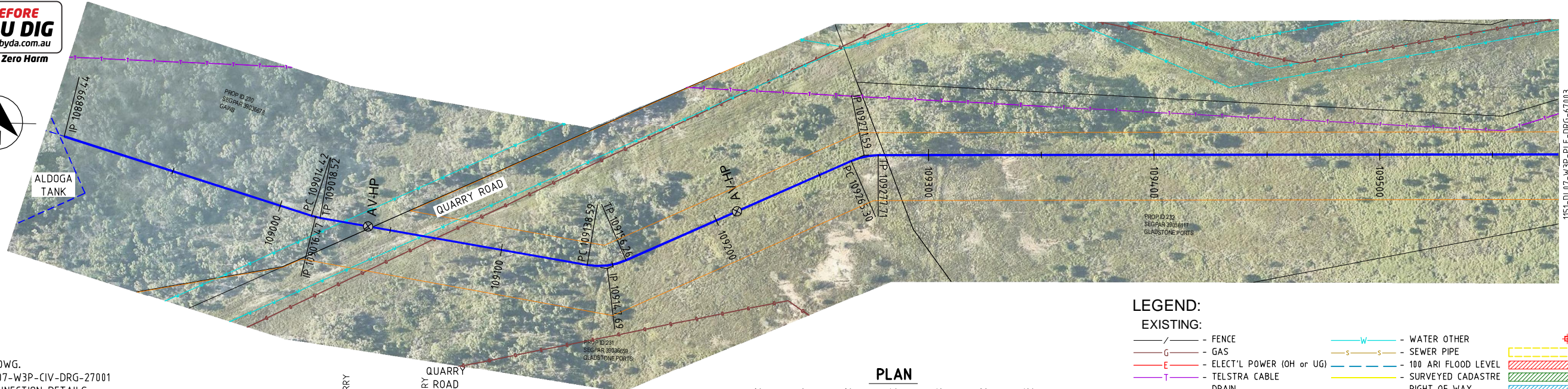
1151-DL05-W3P-PL-DRG-65156

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

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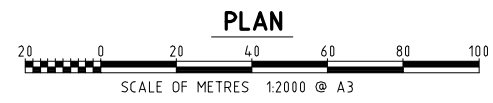
DRAWN BY	TED ALVARADO	04/05/23
DESIGNED BY	MICHAEL MARIES	04/05/23
REVIEWED BY	PETER SEMIANIW	04/05/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		





REFER DWG.  
1151-DL07-W3P-CIV-DRG-27001  
FOR CONNECTION DETAILS

ALDOGA TANK SITE

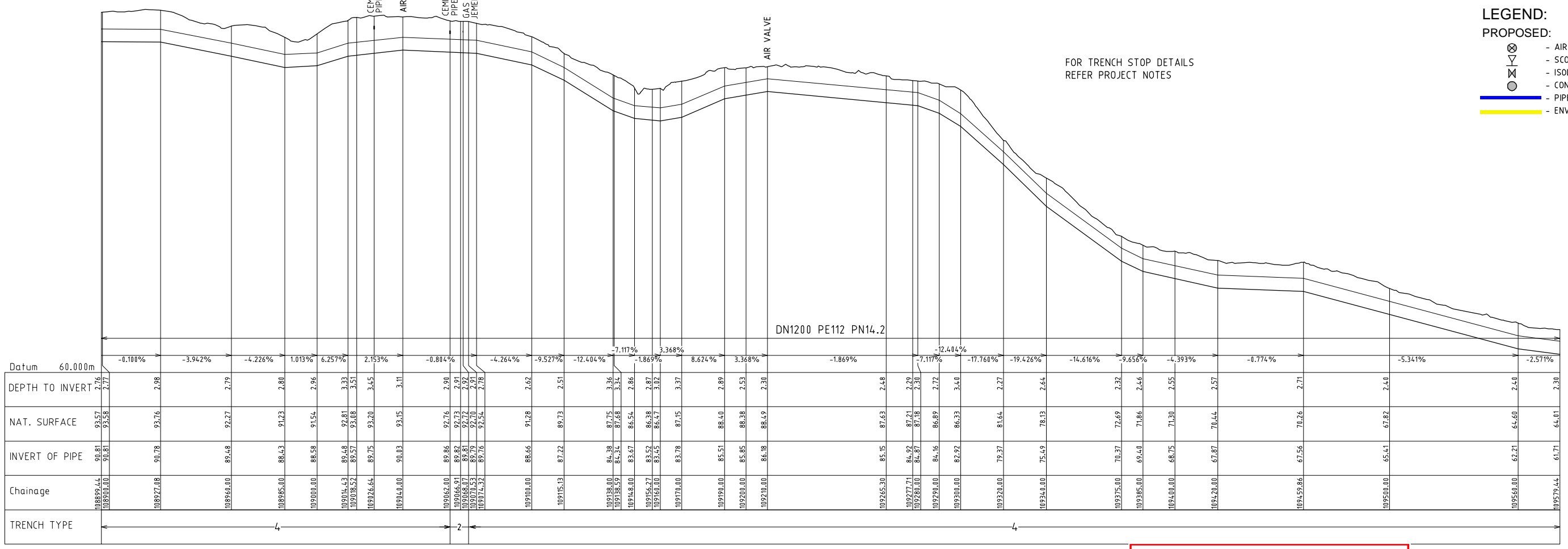


**LEGEND:**

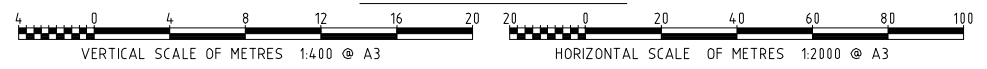
- EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS

**LEGEND:**

- PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE



**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

DRAWN BY: TED ALVARADO 04/05/23  
DESIGNED BY: MICHAEL MARIES 04/05/23  
REVIEWED BY: PETER SEMIANIW 04/05/23

FITZROY TO GLADSTONE PIPELINE PROJECT  
DL07 PIPELINE CH 108899.44-109579.44

1151-DL07-W3P-PL-DRG-67002  
PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			

DO NOT SCALE

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**LEGEND:**

**PROPOSED:**

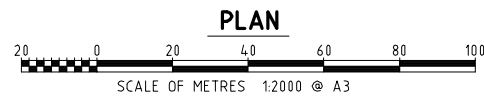
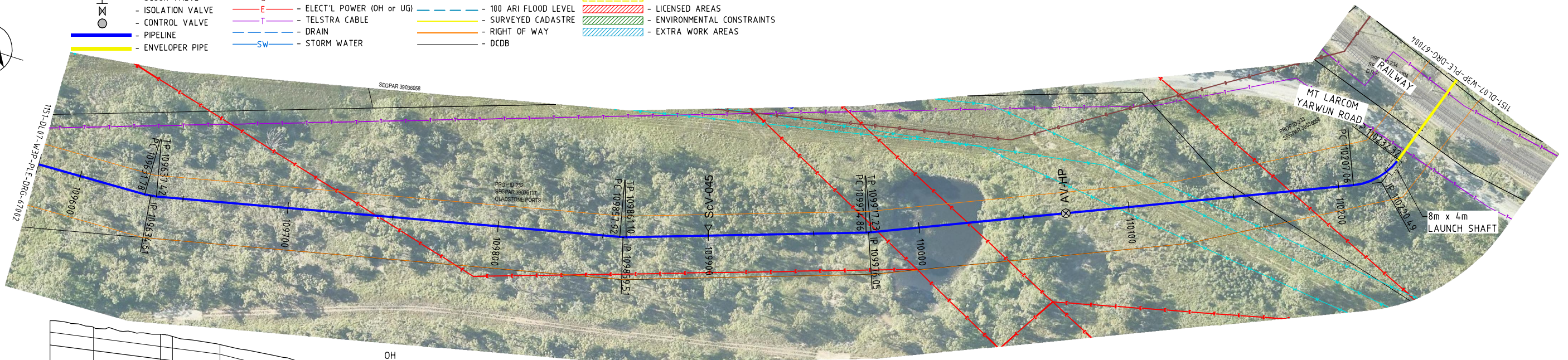
- ⊗ - AIR VALVE
- ⊕ - SCOUR VALVE
- ⊗ - ISOLATION VALVE
- ⊗ - CONTROL VALVE
- - PIPELINE
- - ENVELOPER PIPE

**LEGEND:**

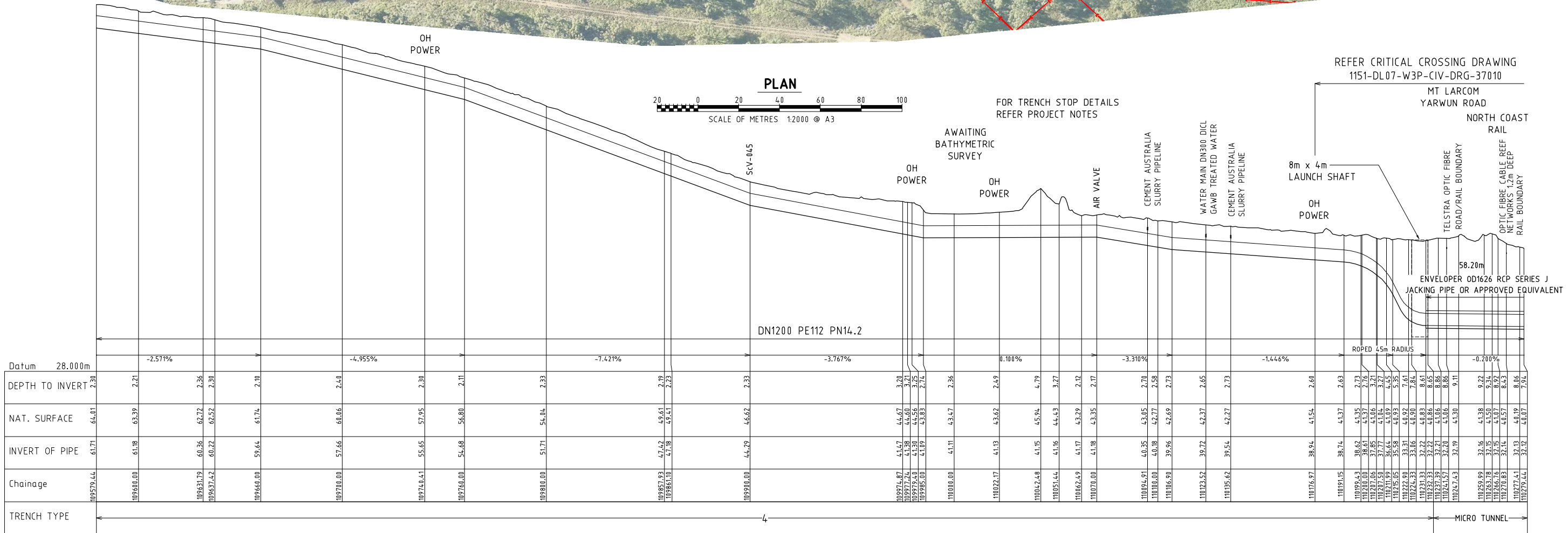
**EXISTING:**

- - FENCE
- G - GAS
- E - ELECT'L POWER (OH or UG)
- T - TELSTRA CABLE
- - DRAIN
- SW - STORM WATER
- W - WATER OTHER
- S - SEWER PIPE
- 100 ARI FLOOD LEVEL
- SURVEYED CADASTRE
- RIGHT OF WAY
- DCDB

- ⊕ - CULTURAL ARTEFACTS
- - CONSTRUCTION ZONES
- - LICENSED AREAS
- - ENVIRONMENTAL CONSTRAINTS
- - EXTRA WORK AREAS

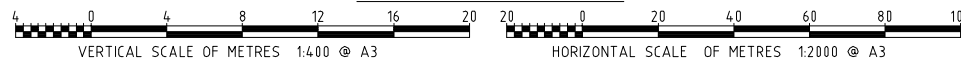


**PLAN**



Stationing	Depth to Invert	Nat. Surface	Invert of Pipe	Chainage	Trench Type
109579.44	2.30	64.81	61.71	109579.44	
109600.00	2.21	63.39	61.18	109600.00	
109631.79	2.26	62.72	60.36	109631.79	
109637.42	2.30	62.52	60.22	109637.42	
109660.00	2.10	61.74	59.64	109660.00	
109700.00	2.49	60.86	57.66	109700.00	
109740.41	2.30	57.95	55.65	109740.41	
109760.00	2.11	56.80	54.68	109760.00	
109800.00	2.33	54.04	51.71	109800.00	
109851.03	2.19	49.61	47.42	109851.03	
109861.00	2.22	49.61	47.18	109861.00	
109900.00	2.33	46.62	44.29	109900.00	
109974.87	3.20	44.67	41.47	109974.87	
109977.24	3.21	44.60	41.38	109977.24	
109979.40	3.25	44.56	41.30	109979.40	
109985.00	2.74	43.83	41.09	109985.00	
110000.00	2.36	43.47	41.11	110000.00	
110022.17	2.49	43.62	41.13	110022.17	
110042.68	4.79	45.94	41.15	110042.68	
110051.44	3.27	44.43	41.16	110051.44	
110062.69	2.12	43.29	41.17	110062.69	
110070.00	2.17	43.35	41.18	110070.00	
110094.91	2.70	43.05	40.35	110094.91	
110100.00	2.58	42.77	40.18	110100.00	
110106.91	2.73	42.89	39.96	110106.91	
110123.52	2.65	42.37	39.72	110123.52	
110135.62	2.73	42.27	39.54	110135.62	
110176.97	2.60	41.54	38.94	110176.97	
110191.15	2.63	41.37	38.74	110191.15	
110199.43	2.73	41.95	38.62	110199.43	
110200.00	2.76	41.37	38.61	110200.00	
110207.06	2.71	41.06	37.95	110207.06	
110207.50	2.77	41.06	37.77	110207.50	
110215.05	2.83	40.93	35.58	110215.05	
110222.80	2.61	40.92	33.31	110222.80	
110224.33	2.84	40.90	33.06	110224.33	
110231.33	2.61	40.83	32.22	110231.33	
110232.33	2.65	40.86	32.22	110232.33	
110237.39	2.86	41.06	32.21	110237.39	
110241.57	2.86	41.06	32.20	110241.57	
110247.43	2.11	41.30	32.19	110247.43	
110250.00	2.22	41.38	32.16	110250.00	
110263.78	2.32	41.50	32.15	110263.78	
110266.26	2.43	41.07	32.15	110266.26	
110270.83	2.43	40.57	32.14	110270.83	
110277.41	2.06	40.19	32.13	110277.41	
110279.44	2.94	40.07	32.12	110279.44	

**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
 NOT TO BE USED FOR CONSTRUCTION PURPOSES



**Gladstone Area Water Board**  
 136 Goodson Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
 DL07 PIPELINE CH 109579.44 - 110279.44

1151-DL07-W3P-PLD-DRG-67003

PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

DO NOT SCALE

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ACCEPTANCE BY: PETER SEMIANIW  
 RPEQ APPROVAL: \_\_\_\_\_  
 GAWB ACCEPTANCE: \_\_\_\_\_

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			





LEGEND:

PROPOSED:

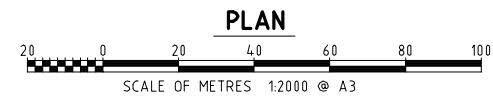
- AIR VALVE
- SCOUR VALVE
- ISOLATION VALVE
- CONTROL VALVE
- PIPELINE
- ENVELOPER PIPE

LEGEND:

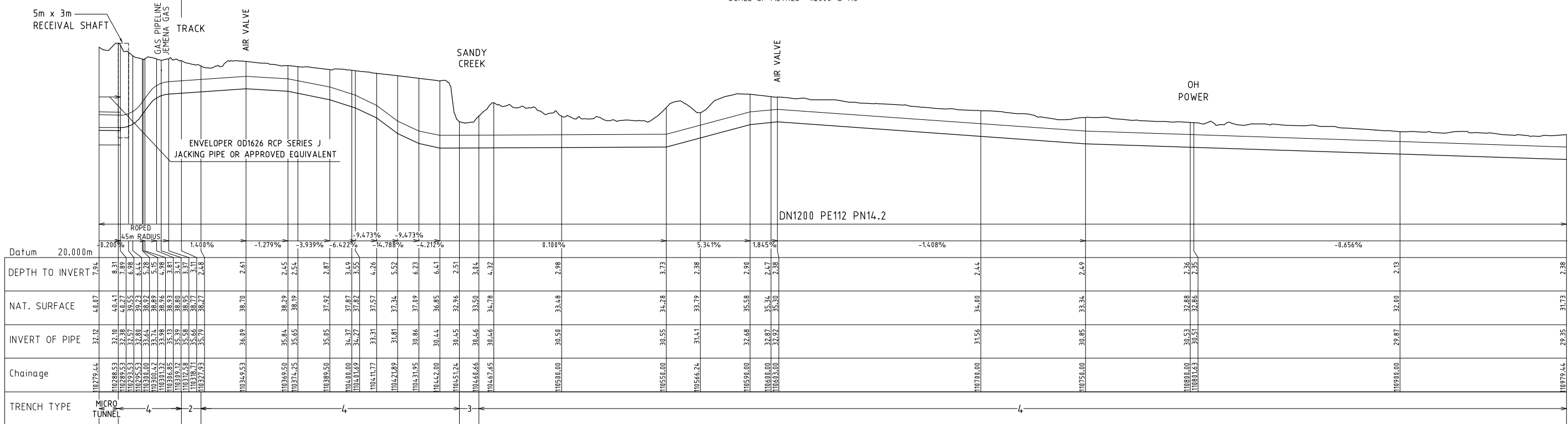
EXISTING:

- FENCE
- GAS
- ELECT'L POWER (OH or UG)
- TELSTRA CABLE
- DRAIN
- STORM WATER
- WATER OTHER
- SEWER PIPE
- 100 ARI FLOOD LEVEL
- SURVEYED CADASTRE
- RIGHT OF WAY
- DCDB

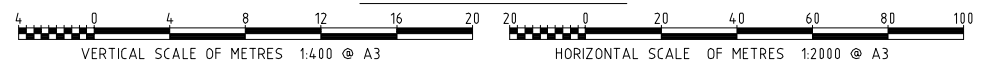
- CULTURAL ARTEFACTS
- CONSTRUCTION ZONES
- LICENSED AREAS
- ENVIRONMENTAL CONSTRAINTS
- EXTRA WORK AREAS



REFER CRITICAL CROSSING DRAWING  
1151-DL07-W3P-CIV-DRG-37010



LONGITUDINAL SECTION



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL07 PIPELINE CH 110279.44-110979.44

1151-DL07-W3P-PL-DRG-67004

PROJECT No. GAWB # A3 SIZE XXX-X-XXXX SCALE AS NOTED REV B

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ACCEPTANCE BY: PETER SEMIANIW 04/05/23





**LEGEND:**

**PROPOSED:**

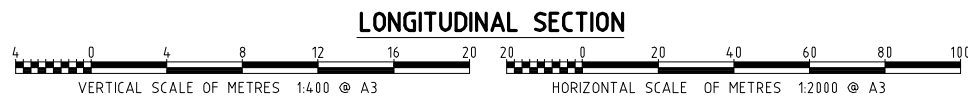
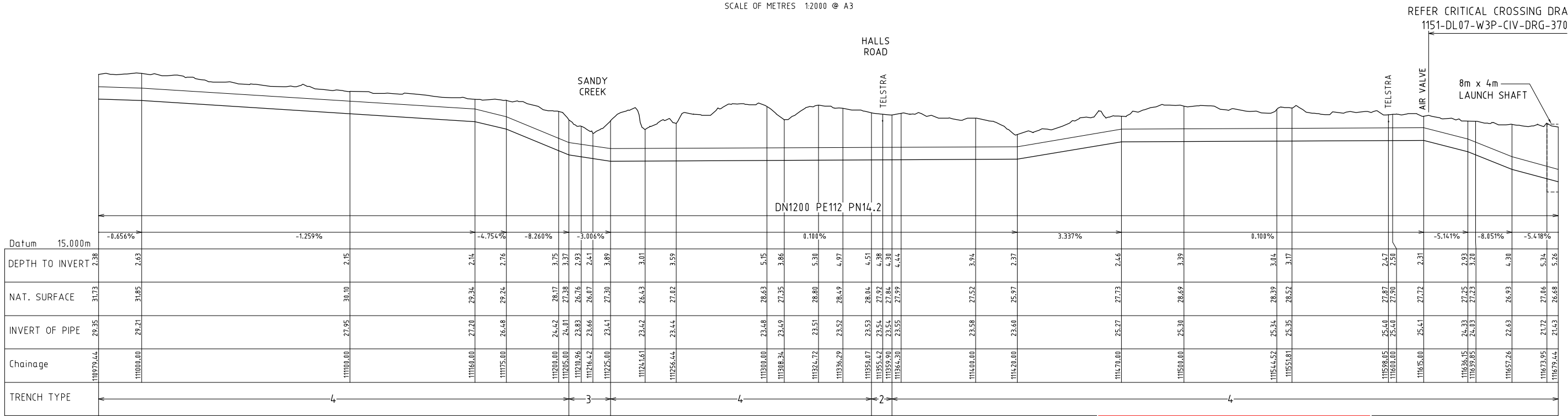
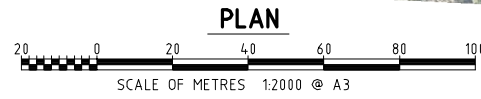
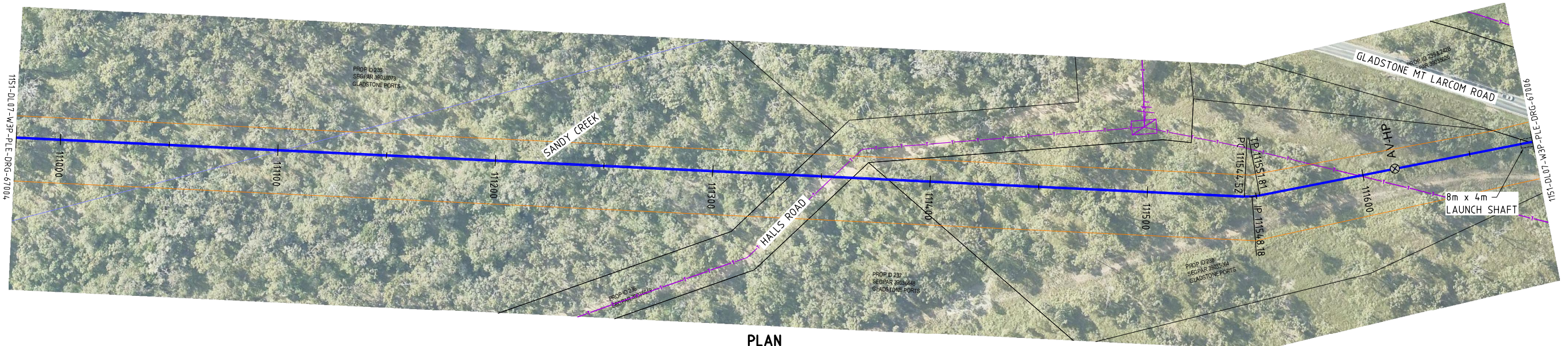
- ⊗ - AIR VALVE
- ⊙ - SCOUR VALVE
- ⊗ - ISOLATION VALVE
- ⊙ - CONTROL VALVE
- - PIPELINE
- - ENVELOPER PIPE

**LEGEND:**

**EXISTING:**

- / — - FENCE
- G — GAS
- E — ELECT'L POWER (OH or UG)
- T — TELSTRA CABLE
- — DRAIN
- SW — STORM WATER
- W — WATER OTHER
- S — SEWER PIPE
- 100 ARI FLOOD LEVEL
- SURVEYED CADASTRE
- RIGHT OF WAY
- DCDB

- ⊕ - CULTURAL ARTEFACTS
- ▭ - CONSTRUCTION ZONES
- ▨ - LICENSED AREAS
- ▨ - ENVIRONMENTAL CONSTRAINTS
- ▨ - EXTRA WORK AREAS



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
 NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
 DL07 PIPELINE CH 110979.44 - 111679.44

1151-DL07-W3P-PLE-DRG-67005

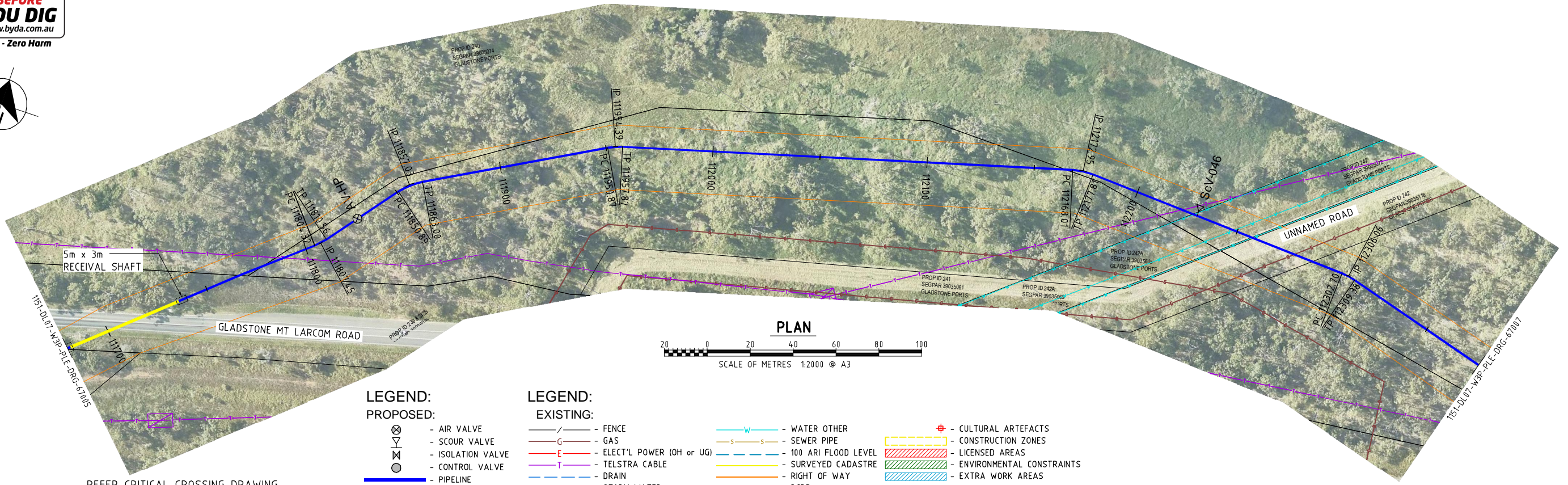
PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

DO NOT SCALE

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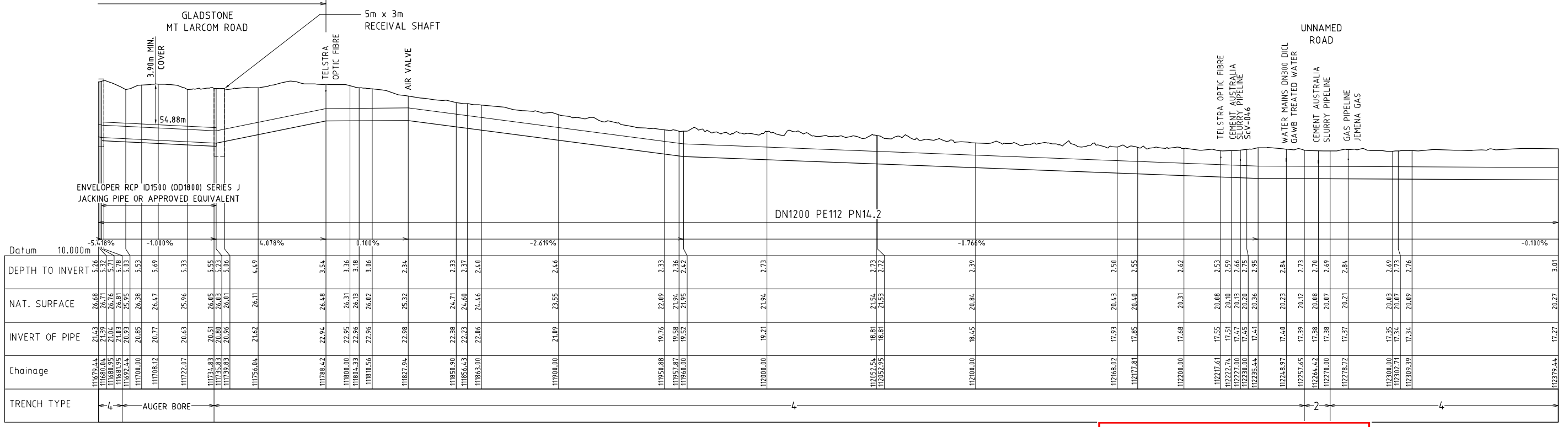
ACCEPTANCE BY: PETER SEMIANIW  
 RPEQ APPROVAL: \_\_\_\_\_  
 GAWB ACCEPTANCE: \_\_\_\_\_



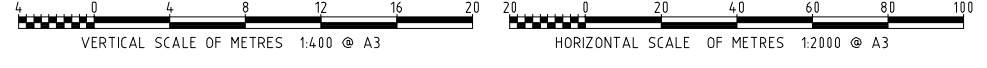


- LEGEND: PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE
- LEGEND: EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS

REFER CRITICAL CROSSING DRAWING  
1151-DL07-W3P-CIV-DRG-37020



LONGITUDINAL SECTION



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL07 PIPELINE CH 111679.44 - 112379.44

1151-DL07-W3P-PL-DRG-67006

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

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ACCEPTANCE BY: \_\_\_\_\_

DESIGNED BY: MICHAEL MARIES 04/05/23

REVIEWED BY: PETER SEMIANIW 04/05/23

DRAWN BY: TED ALVARADO 04/05/23





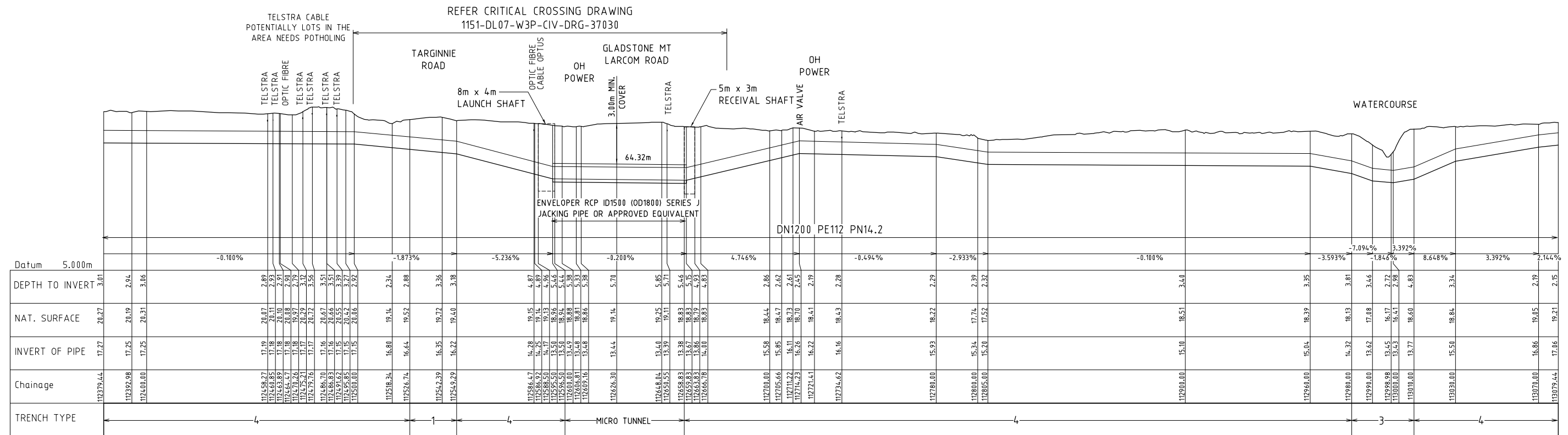
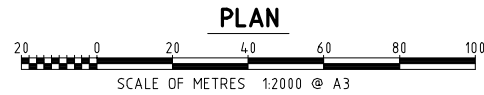
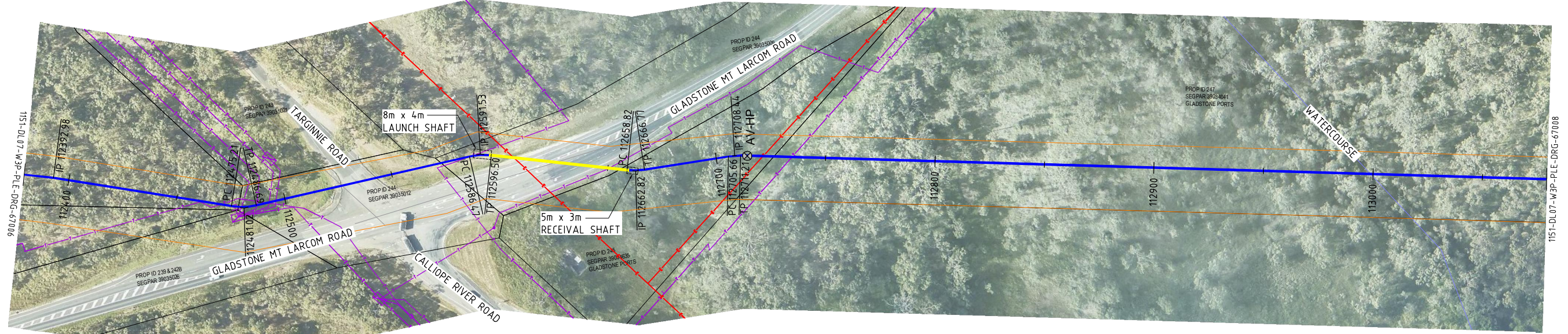
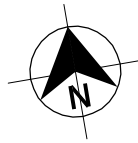
**LEGEND:**

- PROPOSED:**
- ⊗ - AIR VALVE
  - ⊕ - SCOUR VALVE
  - ⊗ - ISOLATION VALVE
  - ⊗ - CONTROL VALVE
  - - PIPELINE
  - ▭ - ENVELOPER PIPE

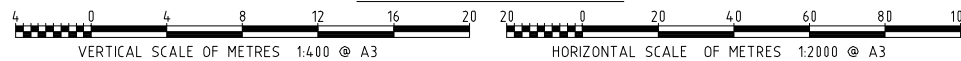
**LEGEND:**

- EXISTING:**
- /- - FENCE
  - G - GAS
  - E - ELECT'L POWER (OH or UG)
  - T - TELSTRA CABLE
  - - DRAIN
  - SW - STORM WATER

- W - WATER OTHER
- S - SEWER PIPE
- - 100 ARI FLOOD LEVEL
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- ⊕ - CULTURAL ARTEFACTS
- ▭ - CONSTRUCTION ZONES
- ▭ - LICENSED AREAS
- ▭ - ENVIRONMENTAL CONSTRAINTS
- ▭ - EXTRA WORK AREAS



**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS	-	-	-
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS	-	-	-



**Gladstone Area Water Board**

136 Goodson Street PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000  
Gladstone Q 4680 ABN: 88 409 667 181

DRAWN BY: TED ALVARADO 04/05/23  
DESIGNED BY: MICHAEL MARIES 04/05/23  
REVIEWED BY: PETER SEMIANIW 04/05/23

ACCEPTANCE BY: \_\_\_\_\_  
RPEQ APPROVAL: \_\_\_\_\_  
GAWB ACCEPTANCE: \_\_\_\_\_

FITZROY TO GLADSTONE PIPELINE PROJECT  
DL07 PIPELINE CH 112379.44 - 113079.44  
1151-DL07-W3P-PL-DRG-67007

PROJECT No. GAWB #  
SIZE: A3  
DRAWING No. XXX-X-XXXX  
SCALE: AS NOTED  
REV: B

DO NOT SCALE





**LEGEND:**

**PROPOSED:**

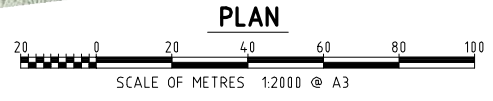
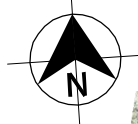
- AIR VALVE
- SCOUR VALVE
- ISOLATION VALVE
- CONTROL VALVE
- PIPELINE
- ENVELOPER PIPE

**LEGEND:**

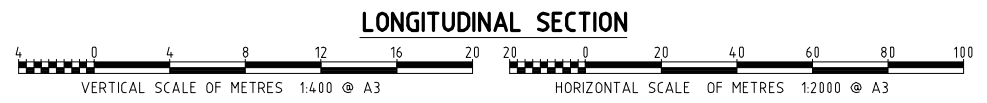
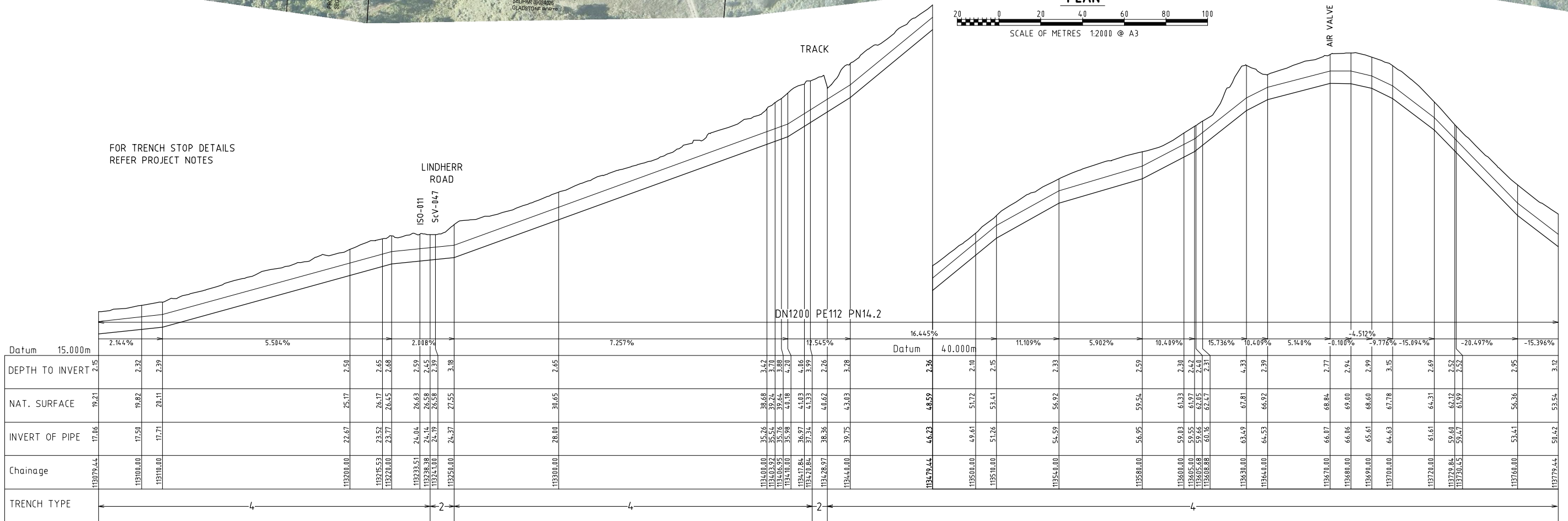
**EXISTING:**

- FENCE
- GAS
- ELECT'L POWER (OH or UG)
- TELSTRA CABLE
- DRAIN
- STORM WATER
- WATER OTHER
- SEWER PIPE
- 100 ARI FLOOD LEVEL
- SURVEYED CADASTRE
- RIGHT OF WAY
- DCDB

- CULTURAL ARTEFACTS
- CONSTRUCTION ZONES
- LICENSED AREAS
- ENVIRONMENTAL CONSTRAINTS
- EXTRA WORK AREAS



FOR TRENCH STOP DETAILS REFER PROJECT NOTES



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
 NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



**Gladstone Area Water Board**  
 136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
 DL07 PIPELINE CH 113079.44 - 113779.44

1151-DL07-W3P-PL-DRG-67008

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

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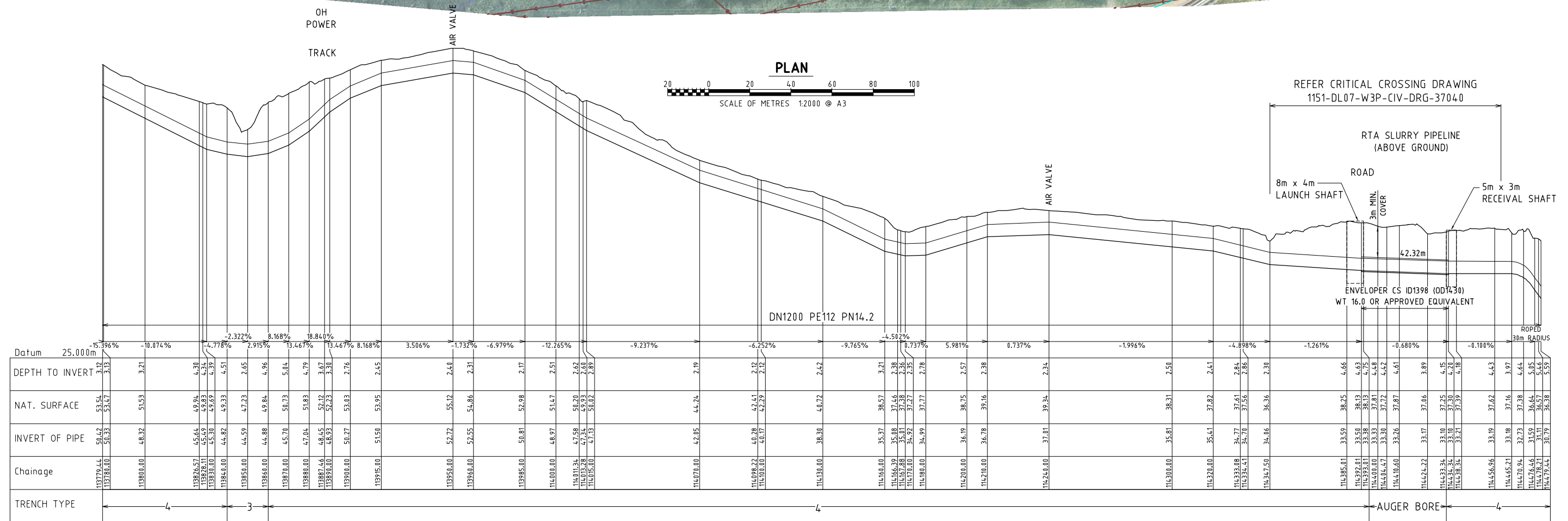
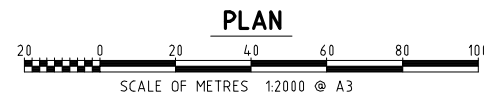
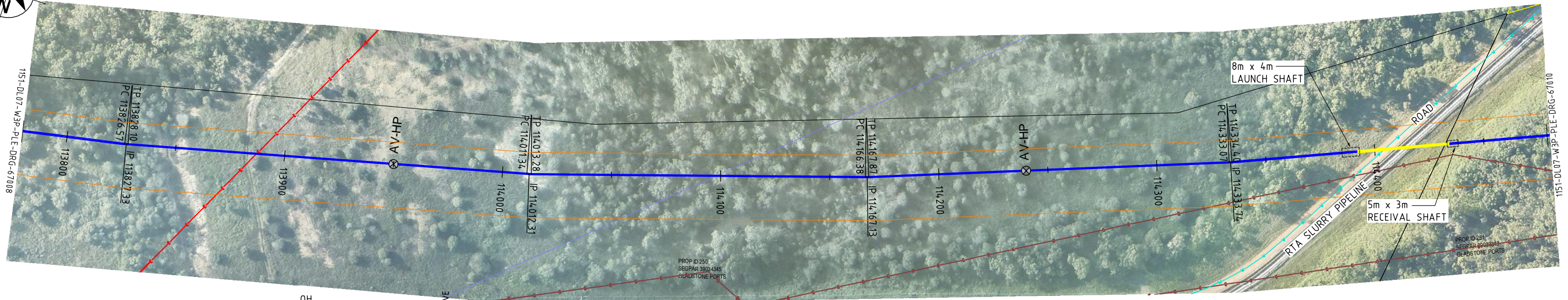
**LEGEND:**

- PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE

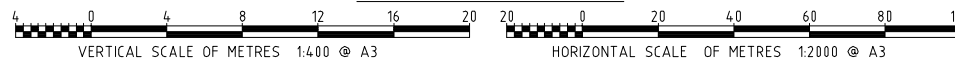
**LEGEND:**

- EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB

- CULTURAL ARTEFACTS
- CONSTRUCTION ZONES
- LICENSED AREAS
- ENVIRONMENTAL CONSTRAINTS
- EXTRA WORK AREAS



**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



**Gladstone Area Water Board**

DRAWN BY: TED ALVARADO 04/05/23  
DESIGNED BY: MICHAEL MARIES 04/05/23  
REVIEWED BY: PETER SEMIANIW 04/05/23  
ACCEPTANCE BY: \_\_\_\_\_  
RPEQ APPROVAL: \_\_\_\_\_  
GAWB ACCEPTANCE: \_\_\_\_\_

136 Goodson Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL07 PIPELINE CH 113779.44 - 114479.44

1151-DL07-W3P-PLD-DRG-67009  
PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

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DO NOT SCALE









**LEGEND:**

**PROPOSED:**

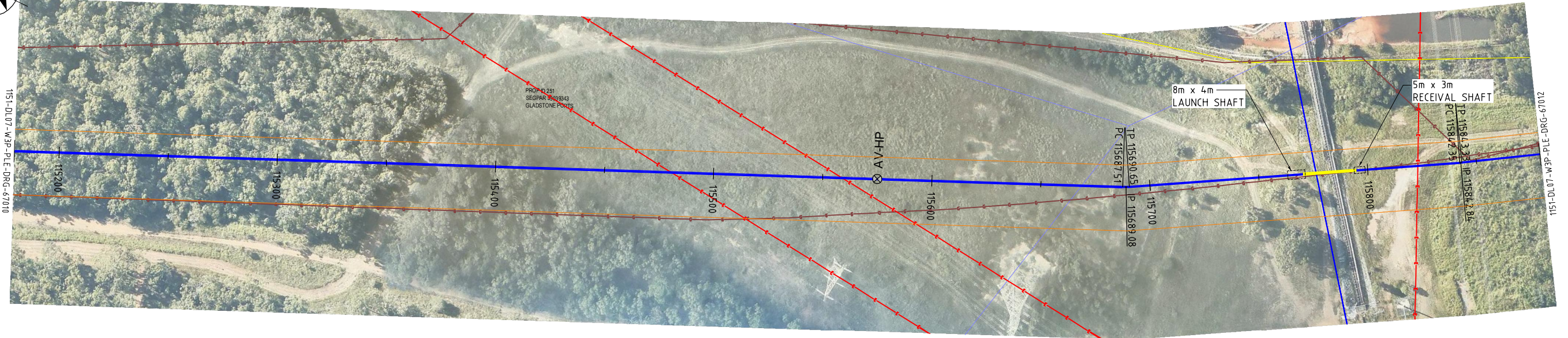
- ⊗ - AIR VALVE
- ⊕ - SCOUR VALVE
- ⊗ - ISOLATION VALVE
- ⊗ - CONTROL VALVE
- - PIPELINE
- ▭ - ENVELOPER PIPE

**LEGEND:**

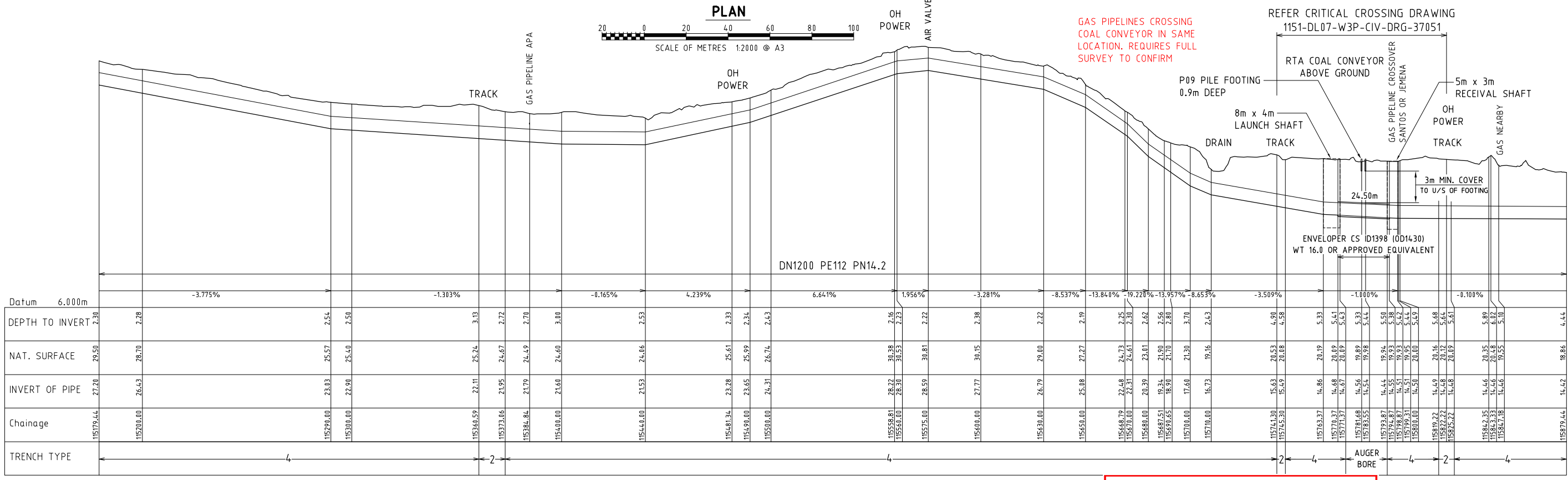
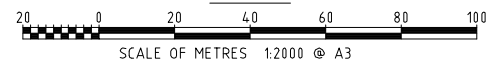
**EXISTING:**

- / — - FENCE
- G — GAS
- E — ELECT'L POWER (OH or UG)
- T — TELSTRA CABLE
- — DRAIN
- SW — STORM WATER
- W — WATER OTHER
- S — SEWER PIPE
- — 100 ARI FLOOD LEVEL
- — SURVEYED CADASTRE
- — RIGHT OF WAY
- — DCDB

- ⊕ - CULTURAL ARTEFACTS
- ▭ - CONSTRUCTION ZONES
- ▭ - LICENSED AREAS
- ▭ - ENVIRONMENTAL CONSTRAINTS
- ▭ - EXTRA WORK AREAS

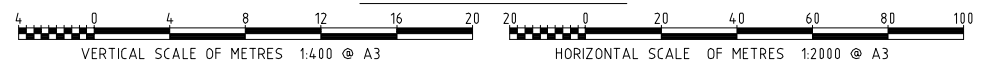


**PLAN**



Datum	6.000m	
DEPTH TO INVERT	2.38	2.28
NAT. SURFACE	29.50	28.70
INVERT OF PIPE	27.28	26.43
Chainage	115179.44	115200.00
TRENCH TYPE	4	2

**LONGITUDINAL SECTION**



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**  
 SDA approval: AP2022/006

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
 NOT TO BE USED FOR CONSTRUCTION PURPOSES



**Gladstone Area Water Board**  
 136 Goondoon Street Gladstone Q 4680 PO Box 446 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
 DL07 PIPELINE CH 115179.44 - 115879.44

1151-DL07-W3P-PL-DRG-67011

PROJECT No. \_\_\_\_\_ SIZE **A3** DRAWING No. **XXX-X-XXXX** SCALE AS NOTED REV **B**

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DRAWN BY: TED ALVARADO 04/05/23  
 DESIGNED BY: MICHAEL MARIES 04/05/23  
 REVIEWED BY: PETER SEMIANIW 04/05/23

ACCEPTANCE BY: \_\_\_\_\_  
 RPEQ APPROVAL: \_\_\_\_\_  
 GAWB ACCEPTANCE: \_\_\_\_\_

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	01/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			





**LEGEND:**

**PROPOSED:**

- ⊗ - AIR VALVE
- ⊙ - SCOUR VALVE
- ⊗ - ISOLATION VALVE
- ⊙ - CONTROL VALVE
- - PIPELINE
- - ENVELOPER PIPE

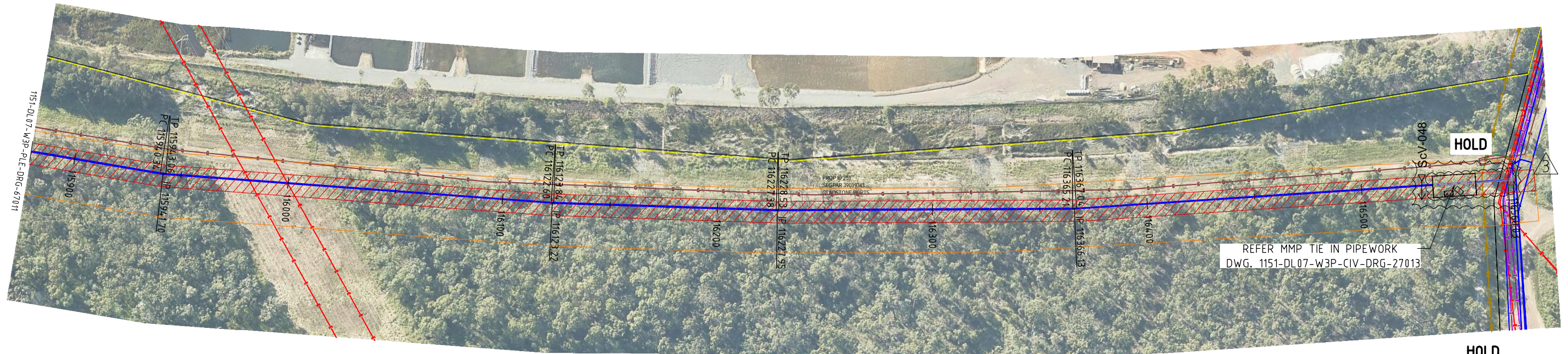
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**EXISTING:**

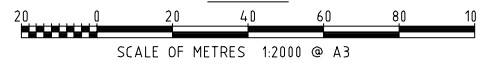
- / — - FENCE
- G — GAS
- E — ELECT'L POWER (OH or UG)
- T — TELSTRA CABLE
- D — DRAIN
- SW — STORM WATER

- W — WATER OTHER
- S — SEWER PIPE
- 100 ARI FLOOD LEVEL
- SURVEYED CADASTRE
- RIGHT OF WAY
- DCDB

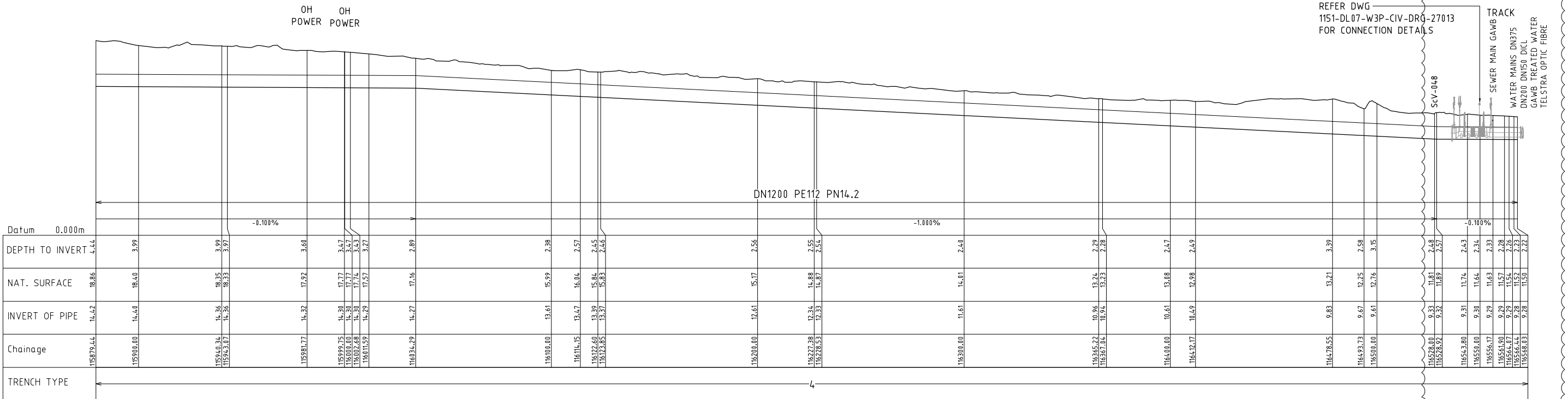
- - CONSTRUCTION ZONES
- - LICENSED AREAS



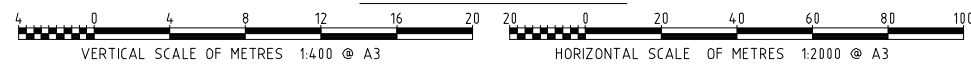
**PLAN**



FOR TRENCH STOP DETAILS  
REFER PROJECT NOTES



**LONGITUDINAL SECTION**



OH POWER TRACK  
REFER DWG 1151-DL07-W3P-CIV-DRG-27013 FOR CONNECTION DETAILS  
SEWER MAIN GAWB  
WATER MAINS DN375  
DN200 DN150 DI CL  
GAWB TREATED WATER  
TELSTRA OPTIC FIBRE

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**  
SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: PETER SEMIANIW  
RPEQ NO: 15975  
DIVISION: CIVIL  
SIGNATURE: [Signature] DATE: 07/12/23

**ISSUED FOR CONSTRUCTION**



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
3	07/12/23	GATES RELOCATED	TA	MM	PS			
2	06/12/23	FENCE MOVED TO LA BOUNDARIES	TA	MM	PS			
1	27/10/23	MMP TIE IN PIPEWORK UPDATED	TA	MM	PS			
0	27/09/23	ISSUED FOR CONSTRUCTION	TA	MM	PS			



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

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
DL07 PIPELINE CH 115879.44 - 116568.03

1151-DL07-W3P-PL-DRG-67012

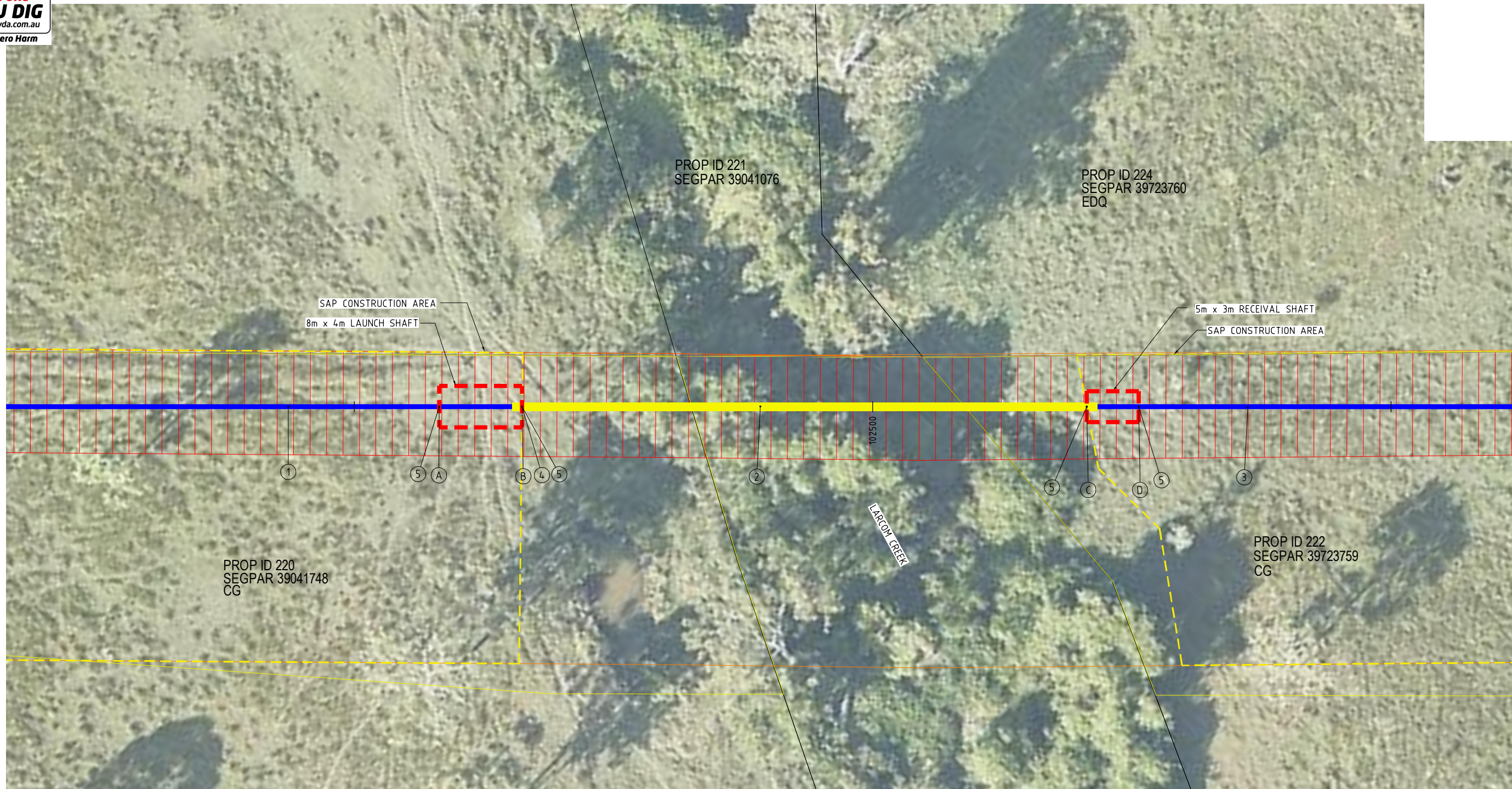
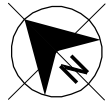
PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV 3

DO NOT SCALE

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ACCEPTANCE BY: PETER SEMIANIW  
RPEQ APPROVAL: [Signature]  
GAWB ACCEPTANCE: [Signature]





**PLAN**



**NOTE: CRITICAL CROSSING DETAIL STILL UNDER DEVELOPMENT**

SETOUT COORDINATES				
POINT	EASTING	NORTHING	R.L.	DESCRIPTION
A	299789.0790	7368033.1276		REAR OF LAUNCH SHAFT
B	299794.7565	7368027.4914		FACE OF LAUNCH SHAFT
C	299833.4139	7359989.1156		REAR OF RECEIVAL SHAFT
D	299836.9624	7359985.5930		FACE OF RECEIVAL SHAFT

MATERIAL TAKE OFF	
ITEM	DESCRIPTION
1	OD1067 MSCL WT 7.5 SLII (Min. 7 No. LENGTHS BEFORE BEND)
2	ENVELOPER PIPE OD1450 RCP JACKING PIPE GROUTED W/ STEEL COLLARS OR APPROVED EQUIVALENT (56.46m LENGTH)
3	OD1067 MSCL WT 7.5 SLII
4	PRODUCT PIPE OD1067 MSCL WT 7.5 SLII
5	45 DEGREE WELDED BEND 4 No.

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

**SDA approval: AP2022/006**



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	26/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



**Gladstone Area Water Board**

DRAWN BY	TED ALVARADO	04/05/23
DESIGNED BY	MICHAEL MARIES	04/05/23
REVIEWED BY	PETER SEMIANIW	04/05/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

**FITZROY TO GLADSTONE PIPELINE PROJECT**  
**LARCOM CREEK CRITICAL CROSSING**  
**GENERAL ARRANGEMENT**

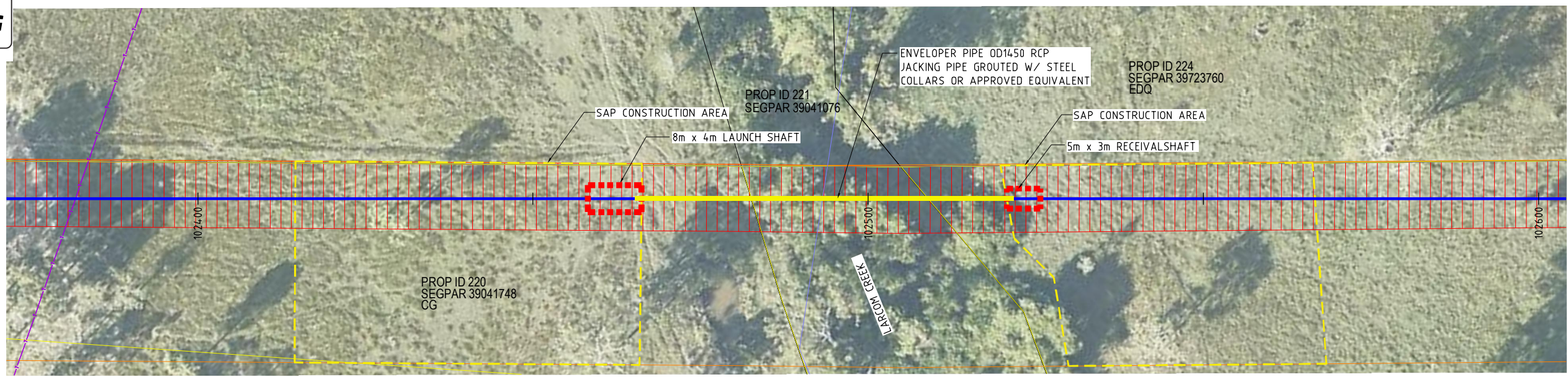
1151-DL05-W3P-CIV-DRG-35140

PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXXX SCALE AS NOTED REV B

DO NOT SCALE

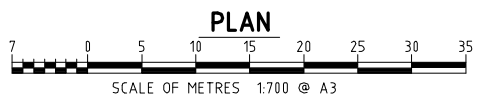
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**LEGEND:**

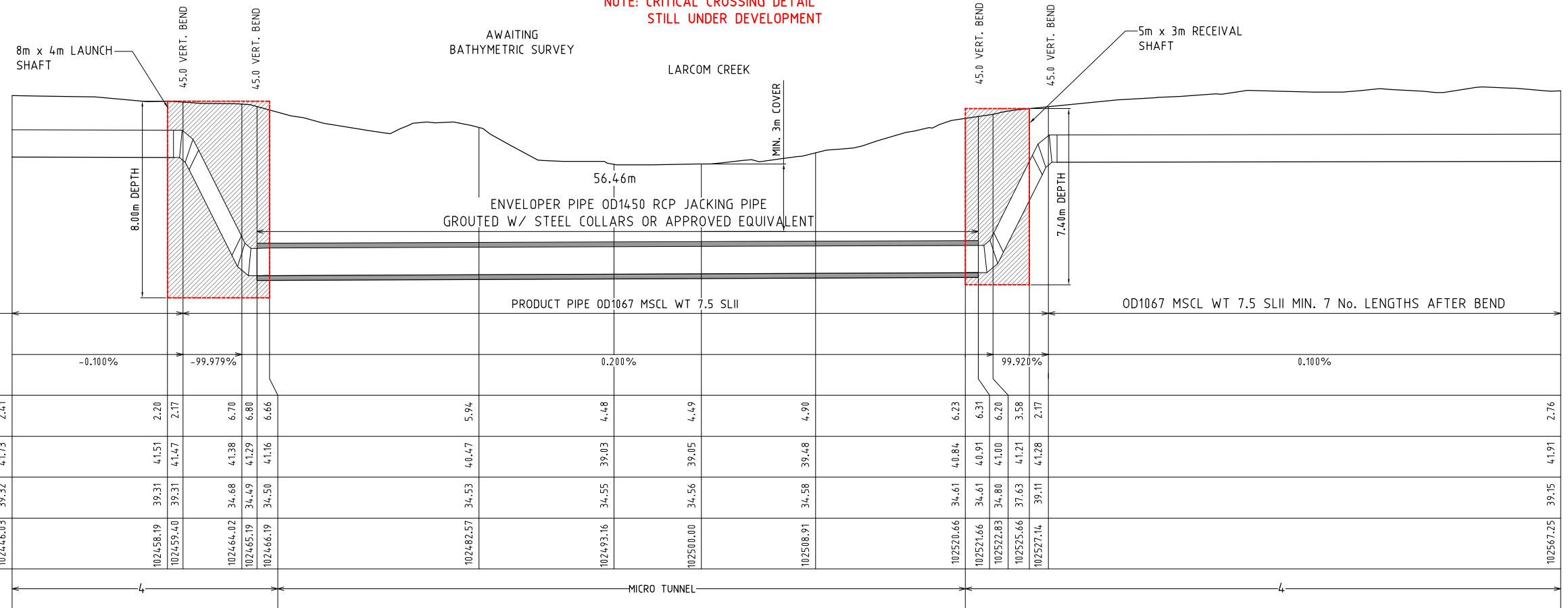
- EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS
  - BOREHOLE / TEST PIT



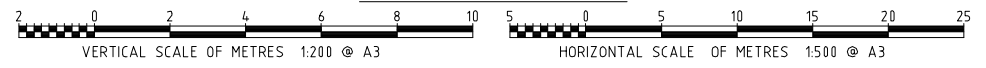
**LEGEND:**

- PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE

**NOTE: CRITICAL CROSSING DETAIL STILL UNDER DEVELOPMENT**



**LONGITUDINAL SECTION**



Chainage	102446.03	102459.40	102464.02	102465.19	102466.19	102482.57	102500.00	102508.91	102520.66	102521.66	102522.83	102525.66	102527.14	102567.25
TRENCH TYPE	4				MICRO TUNNEL				4					
DEPTH TO INVERT	2.41	2.20	6.70	6.80	6.66	5.94	4.49	4.90	6.23	6.31	6.20	3.58	2.17	2.76
NAT. SURFACE	41.73	41.51	41.38	41.29	41.16	40.47	39.05	39.48	40.84	40.91	41.00	41.21	41.28	41.91
INVERT OF PIPE	39.32	39.31	34.68	34.49	34.50	34.53	34.56	34.58	34.61	34.61	34.80	37.63	39.11	39.15
Gradients	-0.100%	-99.979%				0.200%			99.920%				0.100%	

AWAITING FURTHER GEOTECHNICAL INVESTIGATIONS

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

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B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
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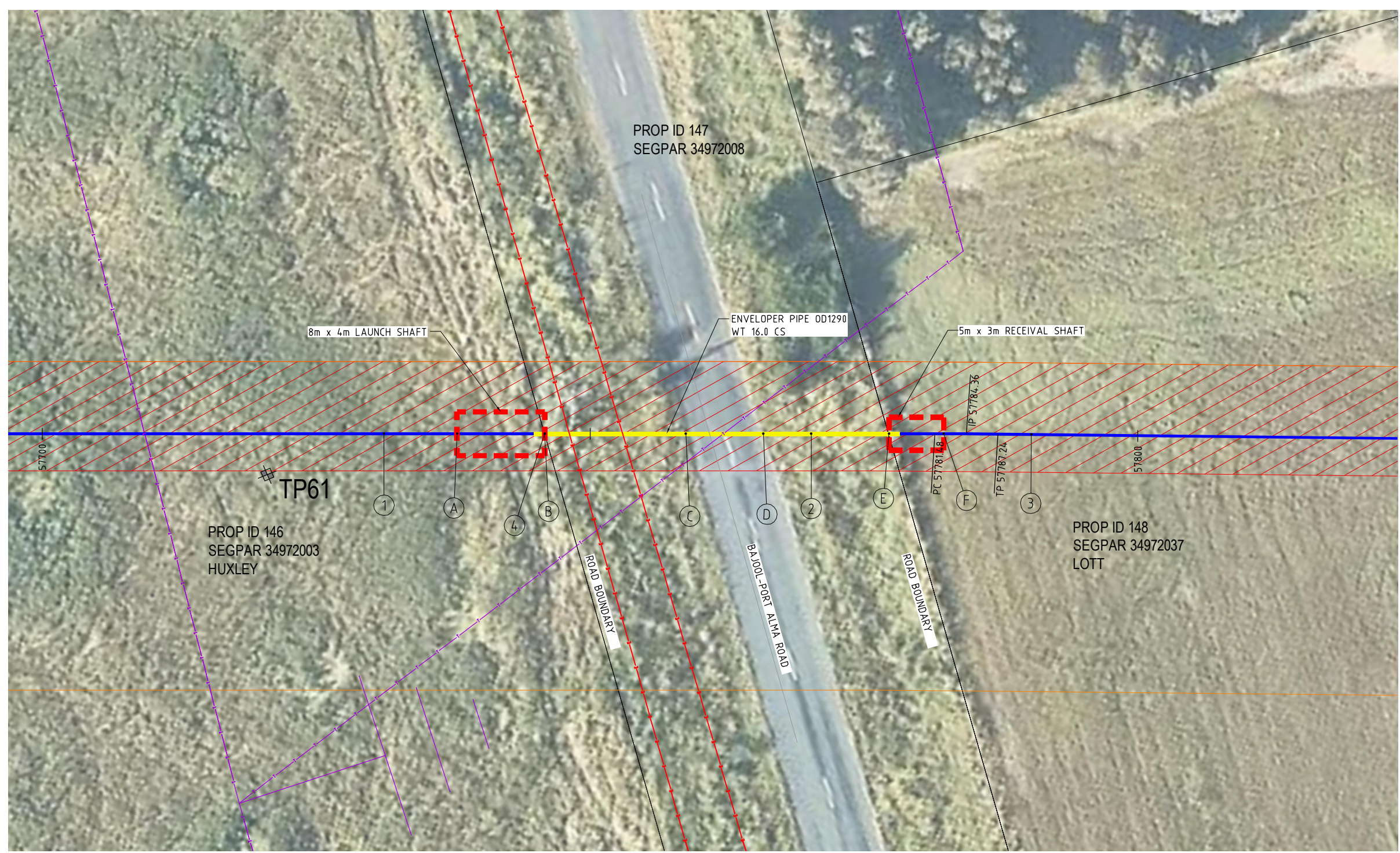
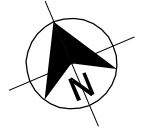
**Gladstone Area Water Board**

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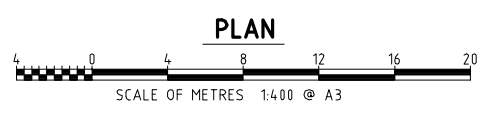
DRAWN BY: TED ALVARADO DESIGNED BY: MICHAEL MARIES REVIEWED BY: PETER SEMIANIW ACCEPTANCE BY: _____ RPEQ APPROVAL: _____ GAWB ACCEPTANCE: _____	136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181
FITZROY TO GLADSTONE PIPELINE PROJECT LARCOM CREEK CRITICAL CROSSING DETAILS 1151-DL05-W3P-CIV-DRG-35141	PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

DO NOT SCALE





NOTE: CRITICAL CROSSING DETAIL STILL UNDER DEVELOPMENT



SETOUT COORDINATES				
POINT	EASTING	NORTHING	R.L.	DESCRIPTION
A	264948.3794	7383406.6353	-	REAR OF LAUNCH SHAFT
B	264955.7379	7383403.4964	-	FACE OF LAUNCH SHAFT
C	264967.5890	7383398.4410	-	ROAD EDGE
D	264974.0921	7383395.6670	-	ROAD EDGE
E	264984.6475	7383391.1643	-	FACE OF RECEIVAL SHAFT
F	264989.2465	7383389.2025	-	REAR OF RECEIVAL SHAFT

MATERIAL TAKE OFF	
ITEM	DESCRIPTION
1	OD1067 MSCL WT 7.5 RRJ-S
2	ENVELOPER PIPE OD1290 WT 16.0 CS (33.43m LENGTH)
3	OD1067 MSCL WT 7.5 RRJ-S
4	PRODUCT PIPE OD1067 MSCL WT 7.5 SLII

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS	-		
A	26/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS	-		



**Gladstone Area Water Board**

DRAWN BY	TED ALVARADO	04/05/23
DESIGNED BY	MICHAEL MARIES	04/05/23
REVIEWED BY	PETER SEMIANIW	04/05/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

FITZROY TO GLADSTONE PIPELINE PROJECT  
 BAJOOL - PORT ALMA ROAD CRITICAL CROSSING  
 GENERAL ASSEMBLY

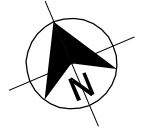
PROJECT No.	1151-DL05-W3P-CIV-DRG-35170
SIZE	A3
DRAWING No.	XXX-X-XXXX
SCALE	AS NOTED
REV	B

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 INITIALS SHOWING IN ASTERISK INDICATE ORIGINAL SIGNATURE HAS BEEN SIGNED OFF AS PER DATE INDICATED

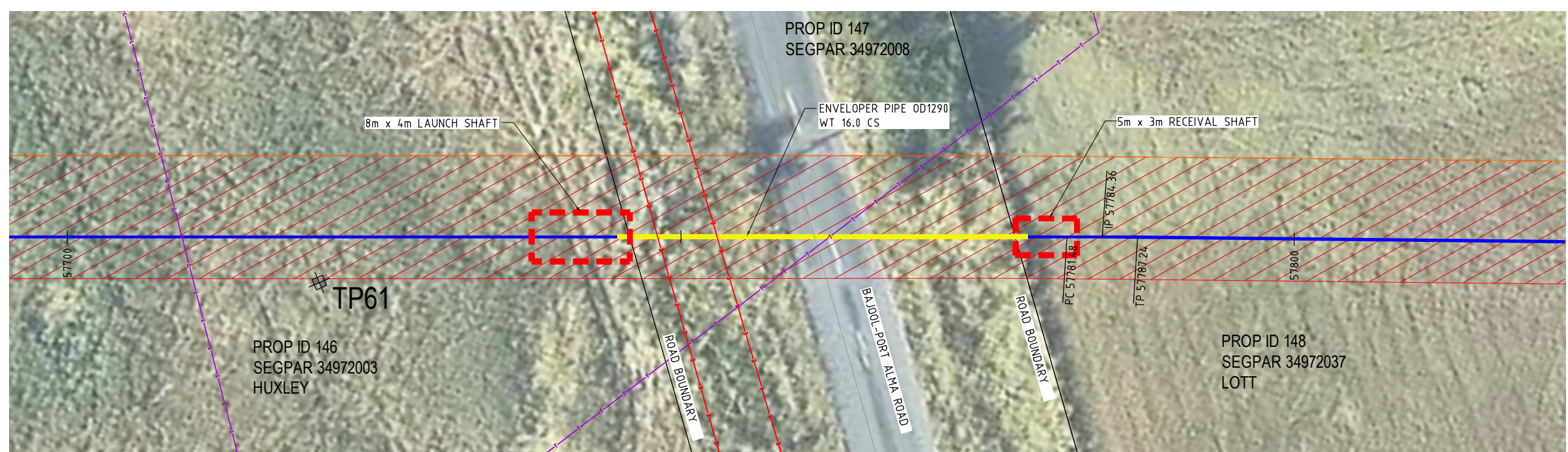
136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181





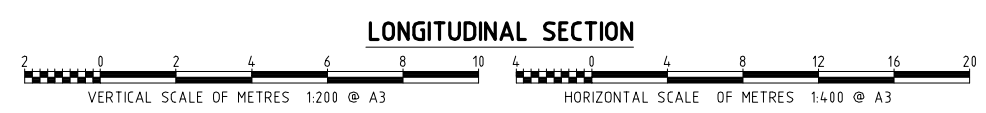
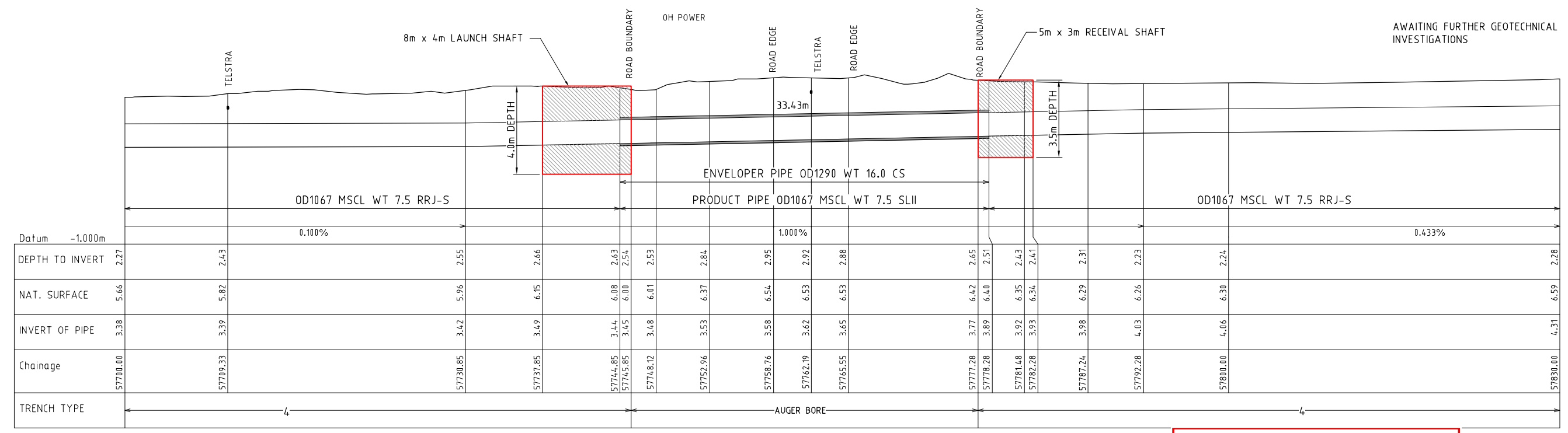
- LEGEND:**  
**PROPOSED:**  
 ⊗ - AIR VALVE  
 ⊕ - SCOUR VALVE  
 ⊖ - ISOLATION VALVE  
 ⊙ - CONTROL VALVE  
 — - PIPELINE  
 — - ENVELOPER PIPE

- LEGEND:**  
**EXISTING:**  
 — - FENCE  
 — - GAS  
 — - ELECT'L POWER (OH or UG)  
 — - TELSTRA CABLE  
 — - DRAIN  
 — - STORM WATER  
 — - WATER OTHER  
 — - SEWER PIPE  
 — - 100 ARI FLOOD LEVEL  
 — - SURVEYED CADASTRE  
 — - RIGHT OF WAY  
 — - DCDB  
 ⊕ - CULTURAL ARTEFACTS  
 ⊕ - CONSTRUCTION ZONES  
 ⊕ - LICENSED AREAS  
 ⊕ - ENVIRONMENTAL CONSTRAINTS  
 ⊕ - EXTRA WORK AREAS  
 ⊕ - BOREHOLE / TEST PIT



**NOTE: CRITICAL CROSSING DETAIL STILL UNDER DEVELOPMENT**

BAJOOOL-PORT ALMA ROAD



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
 NOT TO BE USED FOR CONSTRUCTION PURPOSES



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

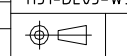
DESIGNED BY: TED ALVARADO 04/05/23  
 DESIGNED BY: MICHAEL MARIES 04/05/23  
 REVIEWED BY: PETER SEMIANIW 04/05/23

FITZROY TO GLADSTONE PIPELINE PROJECT  
 BAJOOOL - PORT ALMA ROAD CRITICAL CROSSING  
 DETAILS

1151-DL05-W3P-CIV-DRG-35171

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	26/05/23	85% SUBMISSION JV REVIEW	TA	MM	PS			

DO NOT SCALE

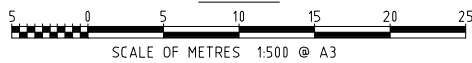


PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B






PLAN



**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



SETOUT COORDINATES				
POINT	EASTING	NORTHING	R.L.	DESCRIPTION
A	307967.0042	7362120.4411		REAR OF LAUNCH SHAFT
B	307972.8747	7362125.8969		FACE OF LAUNCH SHAFT
C	308012.3444	7362161.0671		FACE OF RECEIVAL SHAFT
D	308016.1020	7362164.3658		REAR OF RECEIVAL SHAFT

MATERIAL TAKE OFF	
ITEM	DESCRIPTION
1	DN1200 PE112 PN14.2
2	ENVELOPER RCP ID1500 (OD1800) SERIES J JACKING PIPE OR APPROVED EQUIVALENT (54.88m LENGTH)

REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	08/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			

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

**FITZROY TO GLADSTONE PIPELINE PROJECT  
 GLADSTONE MT LARCOM ROAD CRITICAL CROSSING  
 GENERAL ARRANGEMENT**

1151-DL07-W3P-CIV-DRG-37020

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	B

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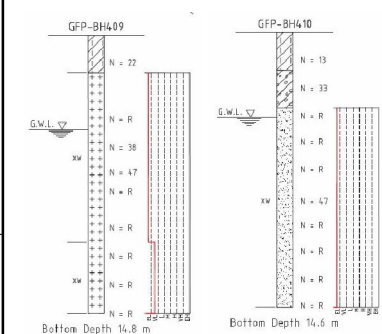
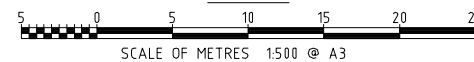


- LEGEND:**  
**PROPOSED:**
- AIR VALVE
  - SCOUR VALVE
  - ISOLATION VALVE
  - CONTROL VALVE
  - PIPELINE
  - ENVELOPER PIPE

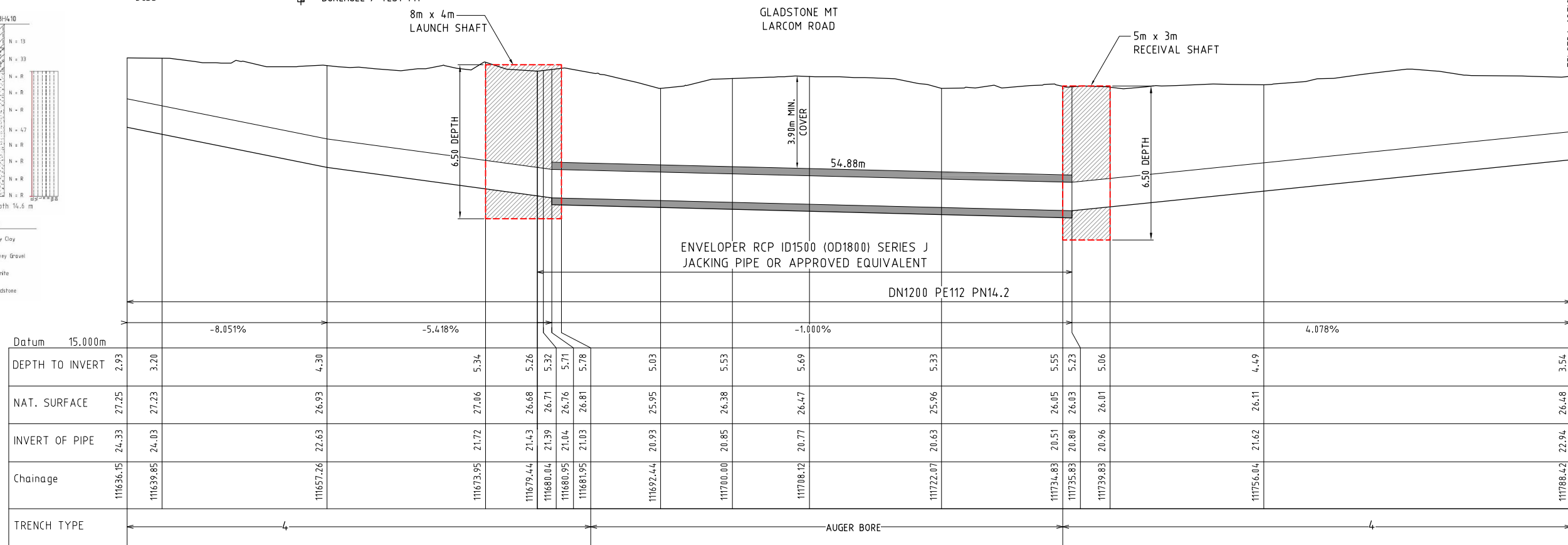
- LEGEND:**  
**EXISTING:**
- FENCE
  - GAS
  - ELECT'L POWER (OH or UG)
  - TELSTRA CABLE
  - DRAIN
  - STORM WATER
  - WATER OTHER
  - SEWER PIPE
  - 100 ARI FLOOD LEVEL
  - SURVEYED CADASTRE
  - RIGHT OF WAY
  - DCDB
  - CULTURAL ARTEFACTS
  - CONSTRUCTION ZONES
  - LICENSED AREAS
  - ENVIRONMENTAL CONSTRAINTS
  - EXTRA WORK AREAS
  - BOREHOLE / TEST PIT



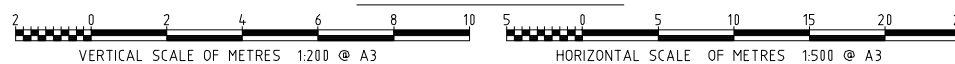
PLAN



BOREHOLE DETAILS SCALE 1:100



LONGITUDINAL SECTION



PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
 NAME: \_\_\_\_\_  
 RPEQ NO: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
B	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	MM	PS			
A	08/06/23	85% SUBMISSION JV REVIEW	TA	MM	PS			



Gladstone Area Water Board

136 Goondoon Street PO Box 466 Gladstone Q 4680  
 Tel: (07) 4976 3000  
 ABN: 88 409 667 181

DESIGNED BY: TED ALVARADO 04/05/23  
 DESIGNED BY: MICHAEL MARIES 04/05/23  
 REVIEWED BY: PETER SEMIANIW 04/05/23

FITZROY TO GLADSTONE PIPELINE PROJECT  
 GLADSTONE MT LARCOM ROAD CRITICAL CROSSING  
 DETAILS  
 1151-DL07-W3P-CIV-DRG-37021

PROJECT No. GAWB # SIZE A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV B

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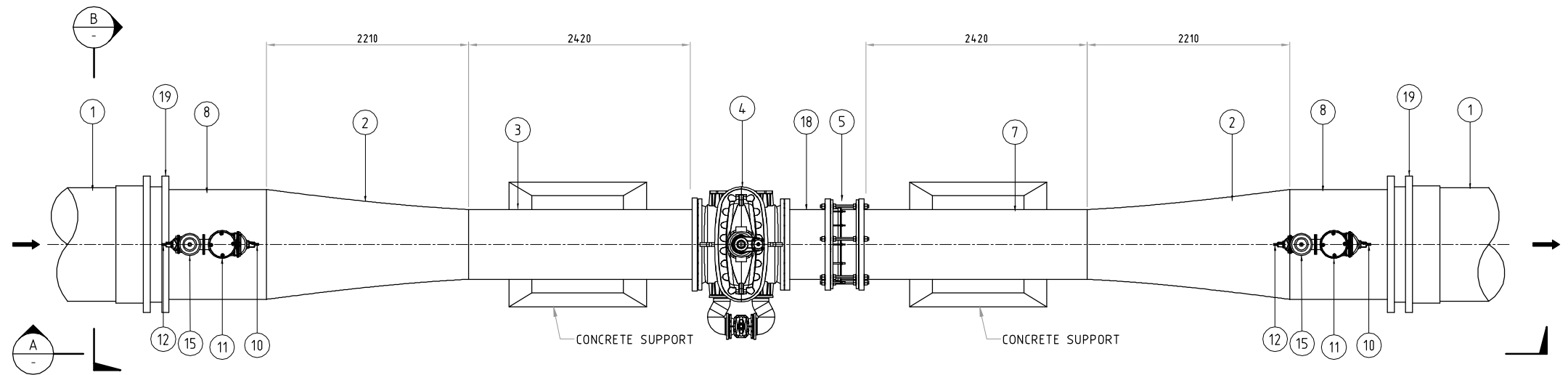
DO NOT SCALE



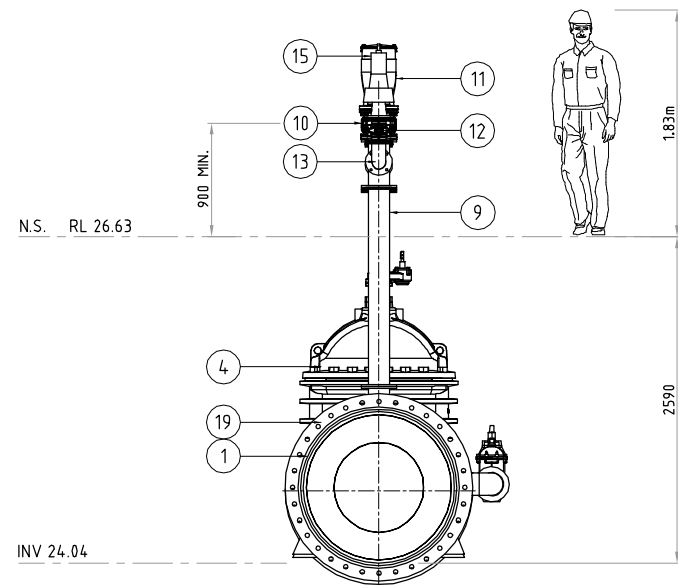


**PIPEWORK SCHEDULE**

ITEM	DESCRIPTION	QTY	PN RATING	MATERIAL
1	DN1200 HDPE PIPE	1	PN14.2	HDPE
2	DN1200-DN750 WELDED REDUCER	2	PN16	MSCL
3	DN750/DN150 WELD-FL-FL TEE	1	PN16	MSCL
4	DN750 FLANGED GATE VALVE W/ INTEGRAL BYPASS & GEARBOX	1	PN16	DIEL
5	DN750 DISMANTLING JOINT (THRUST TYPE)	1	PN16	DIEL
6	NOT IN USE	-	-	-
7	DN750 FL-WELD PIPE	1	PN16	MSCL
8	DN1200/DN150 WELD-SOC-FL TEE	2	PN16	MSCL
9	DN150 FLANGED PIPE	2	PN16	DIEL
10	DN150 GATE VALVE	2	PN16	DIEL
11	DN150 AIR VALVE	2	PN16	DIEL
12	DN100 FLANGED GATE VALVE	2	PN16	DIEL
13	DN100 FLANGED 90° BEND	2	PN16	DIEL
14	DN150-DN100 FLANGED REDUCER	2	PN16	DIEL
15	DN100 RELIEF VALVE	2	PN16	DIEL
16	DN150/DN100 FLANGED TEE	2	PN16	DIEL
17	DN150 FL-FL PIPE c/w 90° BEND	2	PN16	DIEL
18	DN750 FLANGED PIPE (500mm LONG)	1	-	MSCL
19	DN1200 STUB FLANGE w/ MS BACKING RING	1	PN16	HDPE/MS

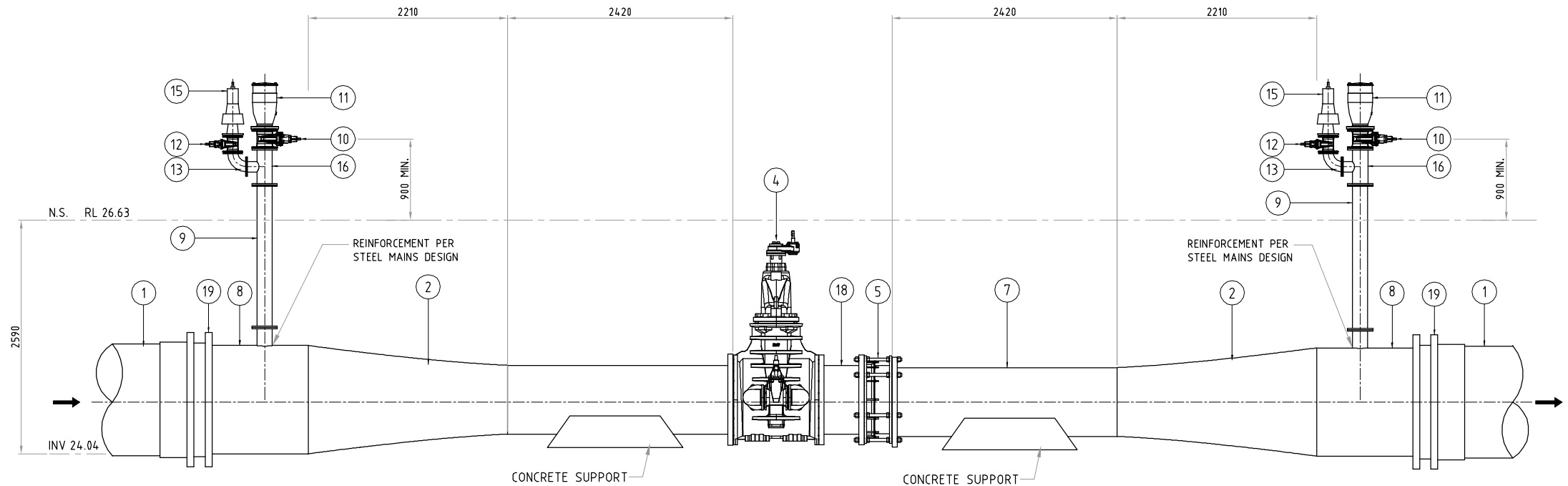


**PLAN**  
SCALE: 1:60 @ A3



**B SECTION**  
SCALE: 1:60 @ A3

**NOTE:**  
REFER TO PROJECT NOTES  
REFER ENCLOSURE DETAIL DRG  
1151-DL00-W3P-CIV-DRG-10010



**A SECTION**  
SCALE: 1:60 @ A3

**ISOLATION VALVE ISO-011**

**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

**SDA approval: AP2022/006**



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
D	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	AS	PS	-		
C	26/05/23	85% SUBMISSION JV REVIEW	TA	AS	PS	-		
B	31/03/23	50% SUBMISSION	TA	AS	PS	-		
A	18/03/23	ISSUED FOR CLIENT REVIEW	TA	AS	PS	-		



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

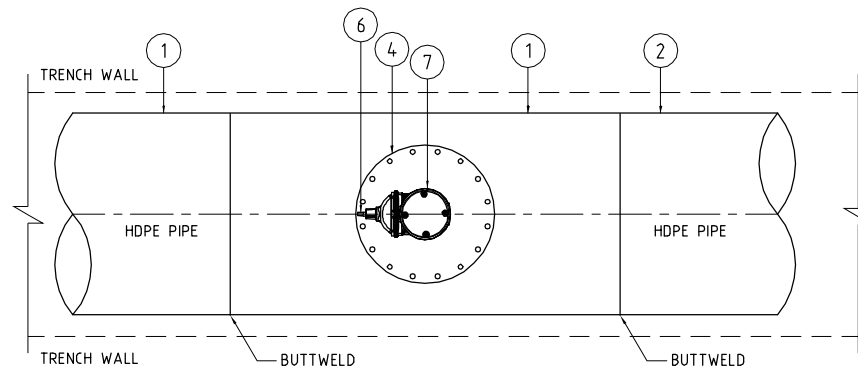
FITZROY TO GLADSTONE PIPELINE PROJECT  
DL07 STANDARD DETAILS  
ISOLATION VALVE ASSEMBLY

1151-DL07-W3P-CIV-DRG-17001

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	D

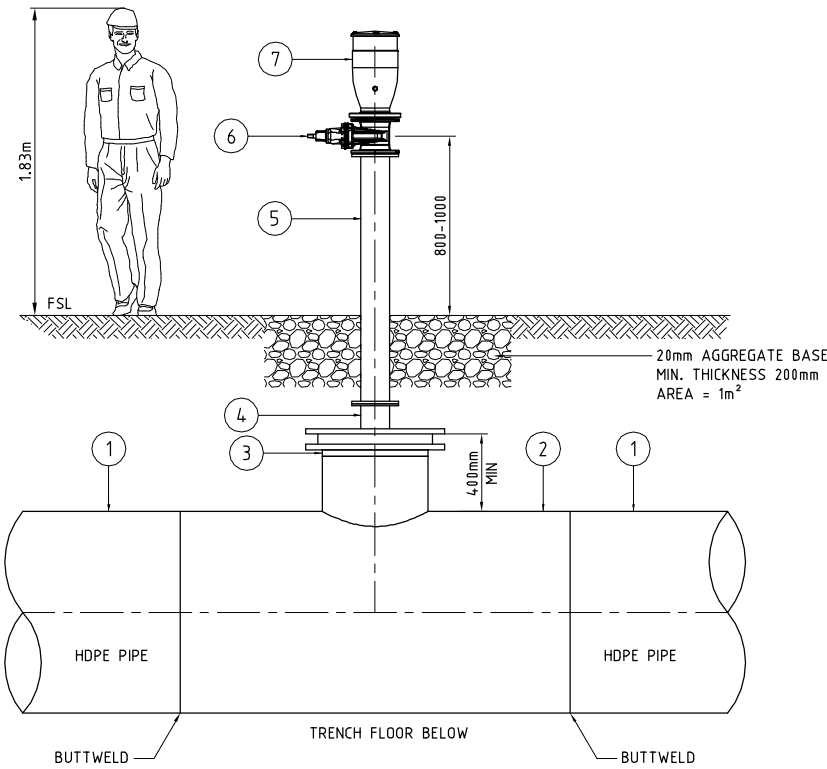
DO NOT SCALE





**AIR VALVE INSTALLATION PLAN**

N.T.S.



**AIR VALVE INSTALLATION - HDPE ABOVE GROUND**

N.T.S.

**AIR VALVE PIPEWORK SCHEDULE**

ITEM	MATERIAL	DESCRIPTION	PN RATING	DIAMETER
1	HDPE	DN1200 PIPE	PN14.2	DN1200
2	HDPE	DN1200 x 600 FABRICATED TEE	PN14.2	DN1200/600
3	HDPE	DN600 STUB FLANGE W/ GAL BACKING RING	PN14.2	DN600
4	DIEL	DN600 BLIND FLANGE WITH DN150 RISER	PN16	DN150
5	DIEL	DN150 DIEL OR MSCL RISER PIPE, LENGTH TO SUIT	PN16	DN150
6	DIEL	DN150 GATE VALVE	PN16	DN150
7	DIEL	AIR VALVE FLANGED	PN16	DN150

**NOTE:**

REFER TO PROJECT NOTES  
REFER ENCLOSURE DETAIL DRG  
1151-DL00-W3P-CIV-DRG-10010

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
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DIVISION: \_\_\_\_\_  
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**PRELIMINARY DRAWING**  
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REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
D	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	AS	PS	-		
C	26/05/23	85% SUBMISSION JV REVIEW	TA	AS	PS	-		
B	31/03/23	50% SUBMISSION	TA	AS	PS	-		
A	18/03/23	ISSUED FOR CLIENT REVIEW	TA	AS	PS	-		



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

DRAWN BY	TED ALVARADO	04/05/23
DESIGNED BY	ANDREW SINN	04/05/23
REVIEWED BY	PETER SEMIANIW	04/05/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

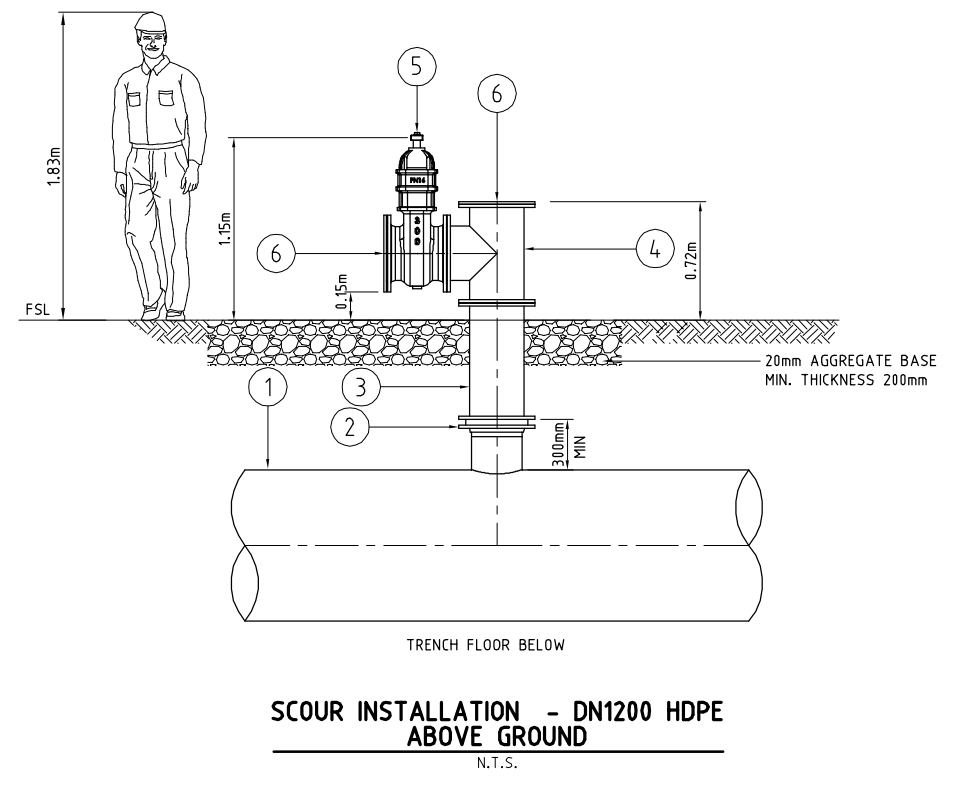
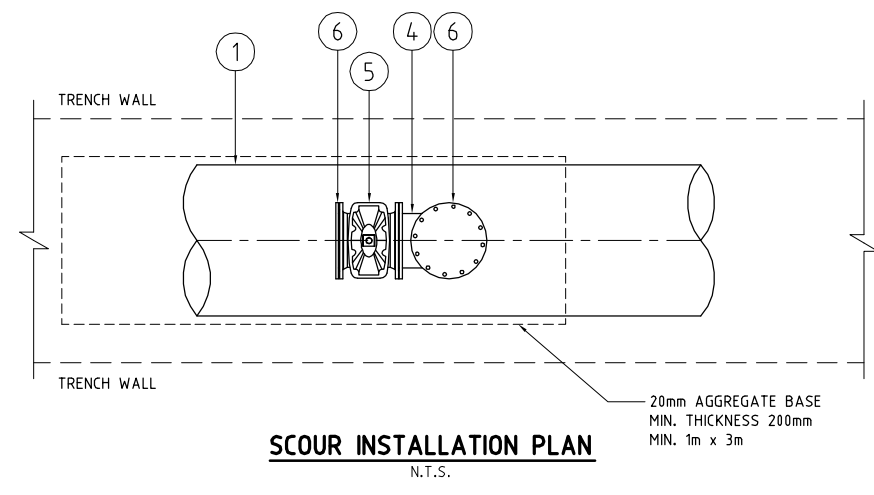
FITZROY TO GLADSTONE PIPELINE PROJECT  
DL07 STANDARD DETAILS  
AIR VALVE ASSEMBLY

1151-DL07-W3P-CIV-DRG-17002

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	D

DO NOT SCALE





**NOTE:**  
REFER TO PROJECT NOTES  
REFER ENCLOSURE DETAIL DRG  
1151-DL00-W3P-CIV-DRG-10010

**SCOUR PIPEWORK SCHEDULE**

ITEM	MATERIAL	DESCRIPTION	PN RATING	DIAMETER
1	HDPE	DN1200 PIPE	PN14.2	DN1200
2	HDPE	DN300 STUB FLANGE W/ SS BACKING PLATE	PN14.2	DN1200/300
3	SS316	DN300 FLANGED PIPE	PN16	DN300
4	SS316	DN300 FLANGED TEE	PN16	DN300
5	DIEL	DN300 FLANGED GATE VALVE	PN16	DN300
6	DIEL	DN300 BLIND FLANGE	PN16	DN300

**PLANS AND DOCUMENTS referred to in the SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: \_\_\_\_\_  
RPEQ NO: \_\_\_\_\_  
DIVISION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

**PRELIMINARY DRAWING**  
NOT TO BE USED FOR CONSTRUCTION PURPOSES



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
D	08/06/23	85% SUBMISSION FOR CLIENT REVIEW	TA	AS	PS	-		
C	26/05/23	85% SUBMISSION JV REVIEW	TA	AS	PS	-		
B	31/03/23	50% SUBMISSION	TA	AS	PS	-		
A	18/03/23	ISSUED FOR CLIENT REVIEW	TA	AS	PS	-		



**Gladstone Area Water Board**

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

DRAWN BY	TED ALVARADO	04/05/23
DESIGNED BY	ANDREW SINN	04/05/23
REVIEWED BY	PETER SEMIANIW	04/05/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

FITZROY TO GLADSTONE PIPELINE PROJECT  
DL07 STANDARD DETAILS  
SCOUR ASSEMBLY

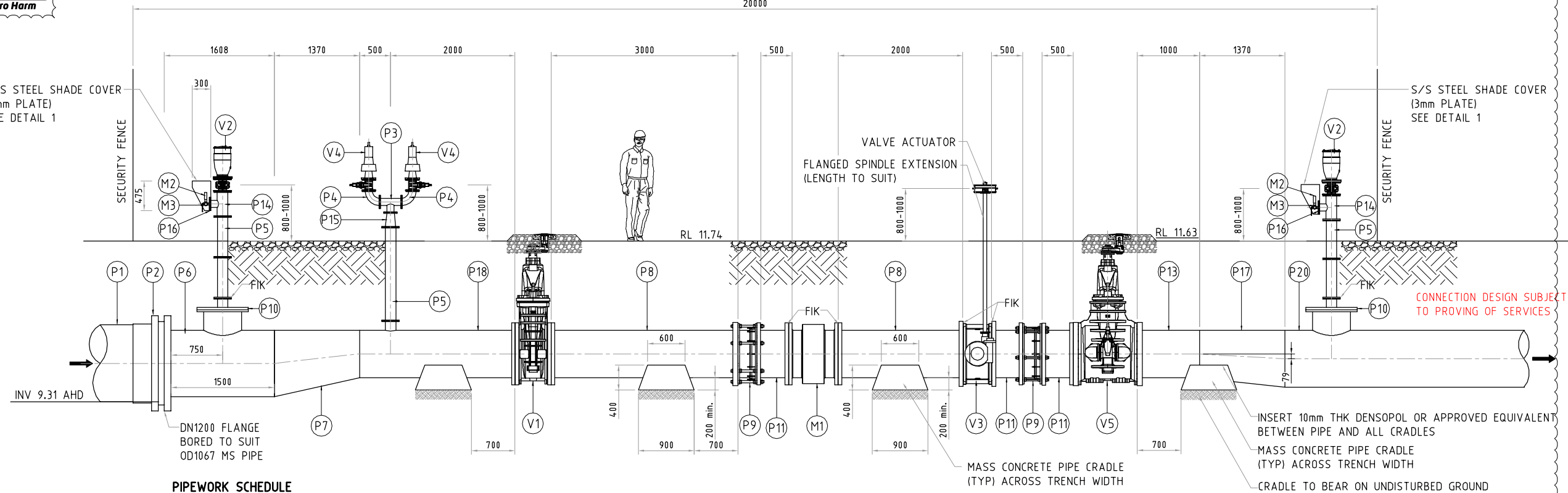
1151-DL07-W3P-CIV-DRG-17003	PROJECT No.	SIZE	DRAWING No.	SCALE	REV
	GAWB #	A3	XXX-X-XXXX	AS NOTED	D

DO NOT SCALE









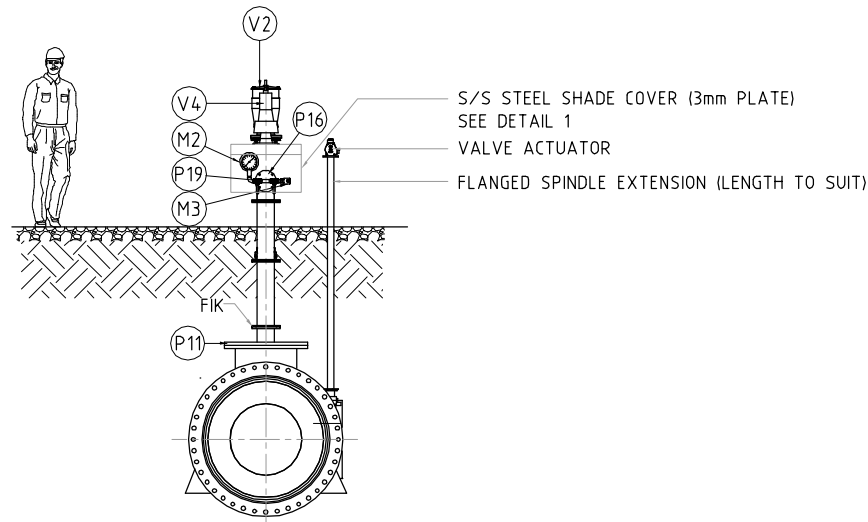
PIPEWORK SCHEDULE

ITEM	DESCRIPTION	QTY	MATERIAL	REMARKS	RATING
P1	DN1200 PE112 PN14.2 PIPE	1	HDPE		PN14.2
P2	DN1200 HDPE STUB FLANGE c/w BACKING RING	1	MS		PN16
P3	DN100 FLANGED TEE	1	DIEL		PN16
P4	DN100 FLANGED 90° BEND	2	DIEL		PN16
P5	DN150 FLANGED PIPE (LENGTH TO SUIT)	3	DIEL		PN16
P6	OD1067 / OD508 TEE FL-FL-WE (w/ 1200 FLANGE)	1	MSCL		PN16 MIN
P7	OD1067 / OD762 WE-WE ECCENTRIC REDUCER	1	MSCL		PN16 MIN
P8	DN750 FLANGED PIPE	2	MSCL		PN16 MIN
P9	DN750 DISMANTLING JOINT	2	DIEL	THRUST TYPE	PN16
P10	DN500 BLIND FLANGE c/w DN150 FLANGED RISER	2	MSCL		PN16 MIN
P11	DN750 FLANGED PIPE (500mm LONG)	3	MSCL		PN16 MIN
P12	DN100 FLANGED PIPE (150mm LONG)	2	DIEL		PN16
P13	DN750 FL-WE PIPE	2	MSCL		PN16 MIN
P14	DN150/DN100 FLANGED TEE	2	DIEL		PN16
P15	DN150-DN100 FLANGED REDUCER	1	DIEL		PN16
P16	DN100 BLIND FLANGE c/w 25mm TAPPING	2	S/S		PN16
P17	DN900 / OD762 WE-WE ECCENTRIC REDUCER	1	MSCL		PN16 MIN
P18	OD762 / DN150 FL-WE TEE	1	MSCL		PN16
P19	DN25 S/S TEE (MALE NTP)	1	S/S		
P20	OD900 / OD508 FL-FL-WE TEE	1	MSCL		PN16 MIN
V1	DN750 GATE VALVE c/w GEARBOX	1	DIEL		PN16
V2	DN150 CSA FOX 3F RFP AIR VALVE c/w GATE VALVE	2	DIEL		PN16
V3	DN750 MODULATING BUTTERFLY VALVE w/ ROTORK ACTUATOR	1	DIEL		PN16
V4	DN100 CSA MOD. VFCA RELIEF VALVE c/w GATE VALVE	2	DIEL		PN16
V5	DN750 GATE VALVE w/ INTEGRAL BYPASS & GEARBOX	1	DIEL		PN16
M1	DN750 MAGNETIC FLOW METER	1	DIEL	BURIED	PN16
M2	PRESSURE GAUGE w/ DN15 BALL VALVE	2			
M3	PRESSURE TRANSMITTER w/ DN15 BALL VALVE	2			

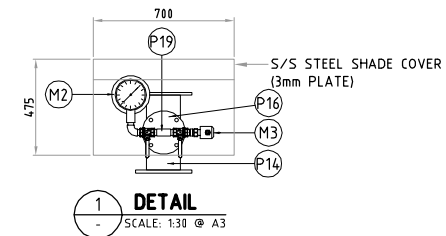
NOTE:

ALL STAINLESS STEEL PIPE TO BE S3316 SCHEDULE 10.

A SECTION  
27013 SCALE: 1:75 @ A3



B SECTION  
27013 SCALE: 1:75 @ A3



PLANS AND DOCUMENTS referred to in the SDA APPROVAL  
SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: PETER SEMIANIW  
RPEQ NO: 15975  
DIVISION: CIVIL  
SIGNATURE: [Signature] DATE: 27/10/23

FIK = FLANGE INSULATION KIT  
(KLINGER C4430 FIK OR APPROVED EQUIVALENT)

ISSUED FOR CONSTRUCTION



Gladstone Area Water Board

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

DESIGNED BY: TED ALVARADO 26/09/23  
DESIGNED BY: ANDREW SINN 26/09/23  
REVIEWED BY: PETER SEMIANIW 26/09/23  
ACCEPTANCE BY: RPEQ APPROVAL  
GAWB ACCEPTANCE

FITZROY TO GLADSTONE PIPELINE PROJECT  
DL07 CONNECTION DETAILS  
MMP TIE IN PIPEWORK SECTIONS

1151-DL07-W3P-CIV-DRG-27014  
PROJECT No. GAWB # A3 DRAWING No. XXX-X-XXXX SCALE AS NOTED REV 1

REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
1	27/10/23	CONTROL VALVE CHANGED	TA	AS	PS			
0	02/10/23	ISSUED FOR CONSTRUCTION	TA	AS	PS			

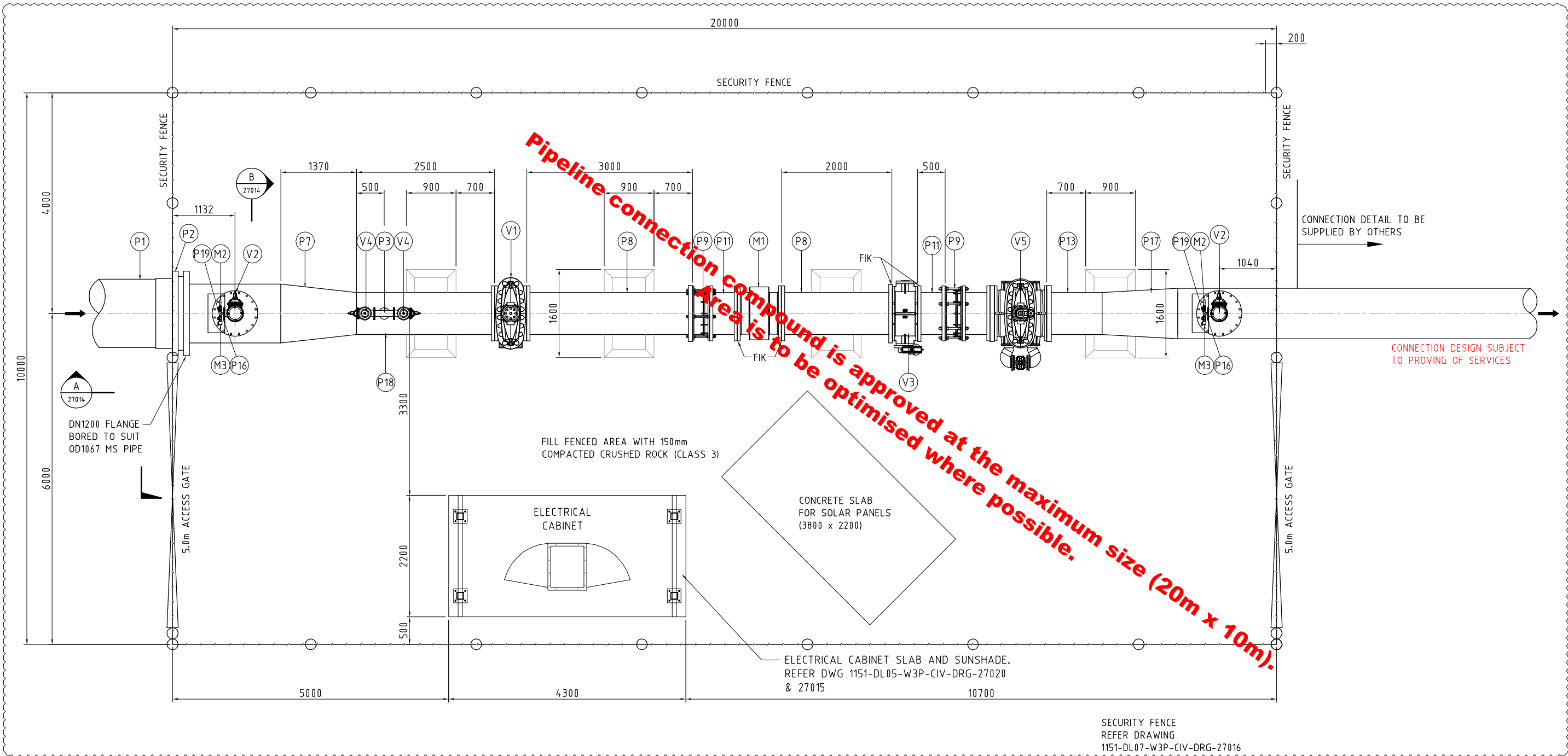
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HOLD

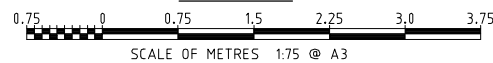


CONNECTION DESIGN SUBJECT TO PROVING OF SERVICES

CONNECTION DETAIL TO BE SUPPLIED BY OTHERS

SECURITY FENCE  
REFER DRAWING  
1151-DL07-W3P-CIV-DRG-27016

PLAN



**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/006



REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND  
NAME: PETER SEMIANIW  
RPEQ NO: 15975  
DIVISION: CIVIL  
SIGNATURE: [Signature] DATE: 07/12/23

ISSUED FOR CONSTRUCTION



REV	DATE	REVISION DESCRIPTION	DRN	CHKD	EXT. APP.	GAWB ACC.	REFERENCE DRAWINGS	NUMBER
3	07/12/23	GATES RELOCATED	TA	AS	PS	-		
2	06/12/23	FENCE MOVED TO LA BOUNDARIES	TA	AS	PS	-		
1	27/10/23	CONTROL VALVE CHANGED	TA	AS	PS	-		
0	02/10/23	ISSUED FOR CONSTRUCTION	TA	AS	PS	-		



Gladstone Area Water Board

136 Goondoon Street Gladstone Q 4680 PO Box 466 Gladstone Q 4680 Tel: (07) 4976 3000 ABN: 88 409 667 181

DRAWN BY	TED ALVARADO	26/09/23
DESIGNED BY	ANDREW SINN	26/09/23
REVIEWED BY	PETER SEMIANIW	26/09/23
ACCEPTANCE BY		
RPEQ APPROVAL		
GAWB ACCEPTANCE		

FITZROY TO GLADSTONE PIPELINE PROJECT  
DL07 CONNECTION DETAILS  
MMP TIE IN PIPEWORK PLAN

PROJECT No.	SIZE	DRAWING No.	SCALE	REV
GAWB #	A3	XXX-X-XXXX	AS NOTED	3

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# Gladstone Area Water Board

## Fitzroy to Gladstone Pipeline Construction Environmental Management Plan

**1151-DL00-GWB-XEV-MAP-00001**

**Controlled Document**

**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**



**SDA approval: AP2022/006**

<b>AUTHORISED BY:</b>	FGP Chief Operating Officer
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<b>MAINTAINED BY:</b>	FGP Approvals Manager
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#### Gladstone Area Water Board

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# Preliminary Contamination Assessment Report

Fitzroy to Gladstone Pipeline (FGP)  
Project

Gladstone Area Water Board

**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**



**SDA approval:** AP2022/006

→ The Power of Commitment



# Special Area Plan – Larcom Creek Micro- tunnel Crossing

## Fitzroy to Gladstone Pipeline Project

Gladstone Area Water Board (GAWB)

November 2022

PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL



SDA approval: AP2022/006

# BASE/

BASE/



# Translocation and Propagation Plan for Listed Threatened Plants—Gladstone State Development Area

## Fitzroy to Gladstone Pipeline Project

Gladstone Area Water Board (GAWB)

July 2023

PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL



SDA approval: AP2022/006

**BASE/**

