
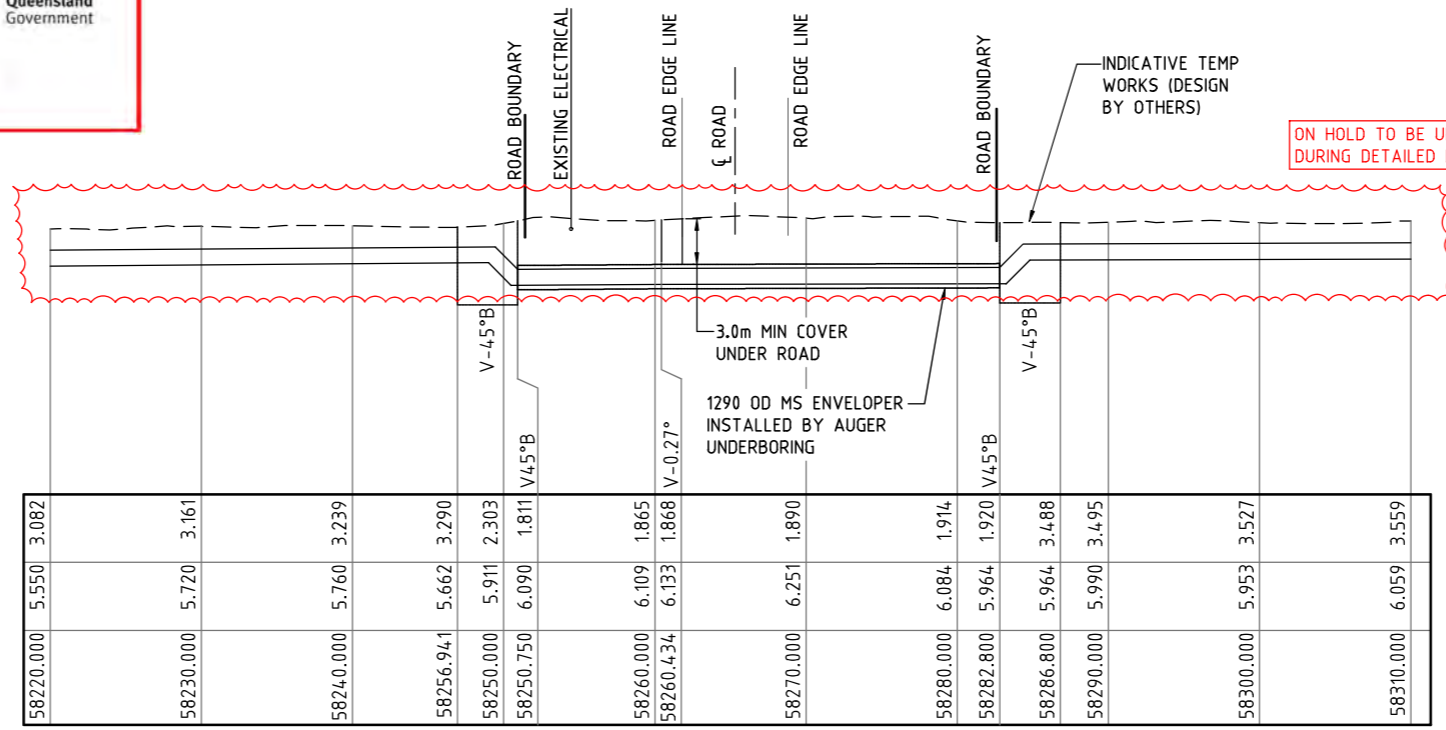


PLAN  
SCALE 1:250

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



SDA approval: AP2022/018



LONGITUDINAL SECTION  
SCALE 1:250

DATUM R.L. -12.00  
PIPE INVERT  
SURFACE LEVEL  
CHAINAGE

58220.000	5.550	3.082
58230.000	5.720	3.161
58240.000	5.760	3.239
58256.941	5.662	3.290
58250.000	5.911	2.303
58250.750	6.090	1.811
58260.000	6.109	1.865
58260.434	6.133	1.868
58270.000	6.251	1.890
58280.000	6.084	1.914
58282.800	5.964	1.920
58286.800	5.964	3.488
58290.000	5.990	3.495
58300.000	5.953	3.527
58310.000	6.059	3.559

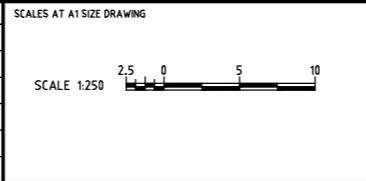
NOTE  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

**NOT FOR CONSTRUCTION**

150 mm ON ORIGINAL

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\0130 GL\34100 ALTON DOWNS TO RAGLAN PIPELINE\30032687-DWG-34100-U-4199.dwg		PLLOT DATE 21 Nov 2022	TIME 15:24:10
EXTERNAL REFERENCE FILES X_CONTOURS_CORRIDOR X_SERVICES_DBYD_CORRIDOR X_30032687_SHEE_A1 X_30032687_GFP_Alignment_2022 X_DCD8	REV	DATE	AMENDMENT / REVISION DESCRIPTION
	A	20.08.21	30% CONCEPT DESIGN
	B	14.01.22	CONCEPT DESIGN-ECI PHASE
	C	20.09.22	OPTIMISED CONCEPT DESIGN
	D	18.11.22	UPDATED RIGHT OF WAY

WVR No.	APPROVAL	TITLE	NAME
006	MSL	DRAFTER	SUCHITH.R
035	DT	DRAFTING CHECK	DILIP.MG
037	MSL	DESIGNER	B.BEALING
		DESIGN CHECK	M.SERRANO LOPEZ
		PROJECT MANAGER	M.SERRANO LOPEZ
		PROJECT DIRECTOR	D.TAYLOR




DESIGNER



Member of the Surlana Jurong Group  
© ABN 47 065 475 149  
LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

CLIENT



Gladstone Area  
Water Board

PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - ALTON DOWNS TO RAGLAN PIPELINE <b>PLAN AND LONGITUDINAL SECTION BAJOOL PORT ALMA ROAD CROSSING SHEET 11</b>			
SCALE	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. <b>30032687-DWG-34100-U-4199</b>	REVISION <b>D</b>



# FITZROY TO GLADSTONE PIPELINE PROJECT

## RAGLAN TO ALDOGA PIPELINE : 34200 COVER SHEET

### GENERAL

#### DRAWING No.

30032656-DWG-34200-G-6000

#### TITLE

COVER SHEET

### CIVIL WORKS

#### DRAWING No.

30032656-DWG-34200-C-6003  
30032656-DWG-34200-C-6014  
30032656-DWG-34200-C-6015  
30032656-DWG-34200-C-6016  
30032656-DWG-34200-C-6017  
30032656-DWG-34200-C-6018  
30032656-DWG-34200-C-6019  
30032656-DWG-34200-C-6020  
30032656-DWG-34200-C-6021  
30032656-DWG-34200-C-6022  
30032656-DWG-34200-C-6034

#### TITLE

KEY PLAN  
LAYOUT PLAN - SHEET 1  
LAYOUT PLAN - SHEET 2  
LAYOUT PLAN - SHEET 3  
LAYOUT PLAN - SHEET 4  
LAYOUT PLAN - SHEET 5  
LAYOUT PLAN - SHEET 6  
LAYOUT PLAN - SHEET 7  
LAYOUT PLAN - SHEET 8  
LAYOUT PLAN - SHEET 9  
PLAN AND LONG SECTION - GENERAL NOTES & LEGEND

### GEOTECHNICAL

#### DRAWING No.

30032656-DWG-34200-U-6150  
30032656-DWG-34200-U-6151  
30032656-DWG-34200-U-6152  
30032656-DWG-34200-U-6153

#### TITLE

MT LARCOM ROAD / ALDOGA RAIL CROSSING - PLAN AND LONG SECTION  
EAST END MINE RAIL LINK CROSSING - PLAN AND LONG SECTION  
DART'S CREEK ROAD CROSSING - PLAN AND LONG SECTION - ALTERNATIVE ROUTE  
LARCOM CREEK CROSSING - PLAN AND LONG SECTION - ALTERNATIVE ROUTE

PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL



SDA approval: AP2022/018

### NOTE

- FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

**NOT FOR CONSTRUCTION**

150 mm ON ORIGINAL  
A1

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-G-6000.dwg		PLOT DATE 01 May 2022	TIME 20:54:20
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EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	MVR No.	APPROVAL	TITLE	NAME
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	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL	DRAFTING CHECK	C.BOU
	C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL	DESIGNER	M.SERRANO LOPEZ
	D	18.11.22	UPDATED RIGHT OF WAY	037	MSL	DESIGN CHECK	J.WAGENAAR
						PROJECT MANAGER	M.SERRANO LOPEZ
						PROJECT DIRECTOR	D.TAYLOR

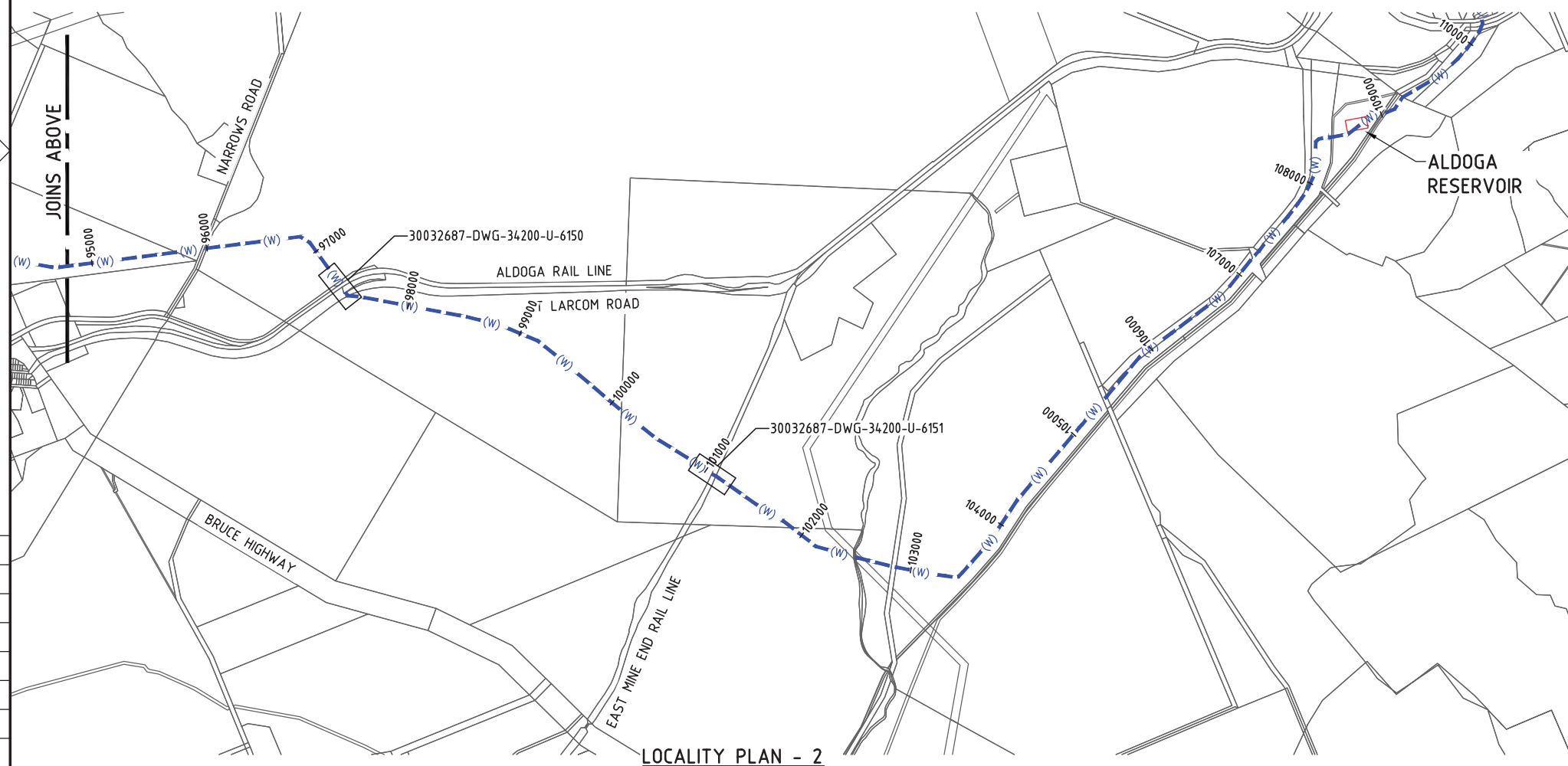
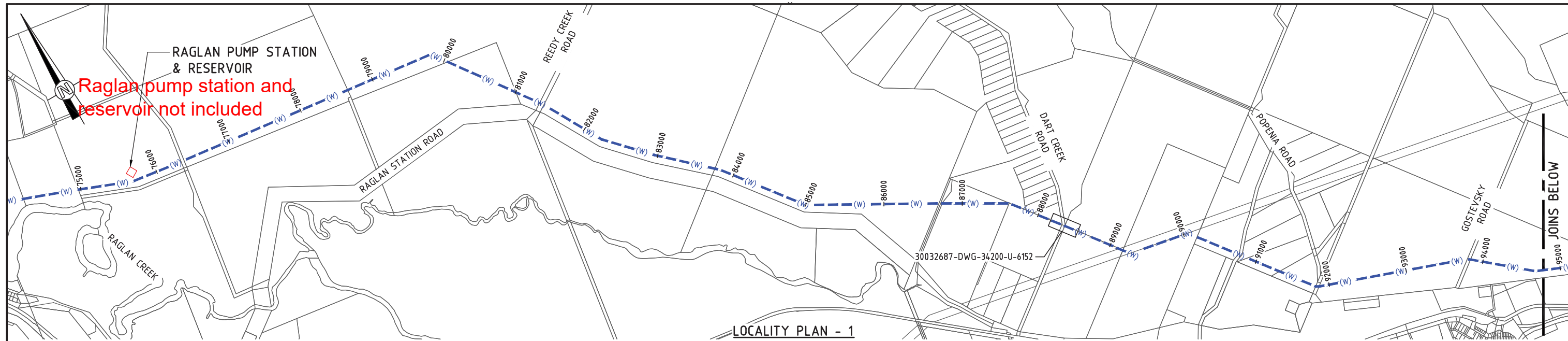
SCALES AT A1 SIZE DRAWING

DESIGNER
<p>Member of the Surlana Jurong Group © ABN 47 065 475 149 LEVEL 6, 480 ST PAULS TERRACE FORTITUDE VALLEY QLD 4006 SMEC PROJECT No 30032687</p>

CLIENT
<p>Gladstone Area Water Board</p>


PROJECT TITLE
FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE GENERAL COVER SHEET

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
	CONCEPT DESIGN	30032687-DWG-34200-G-6000	D



PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2022/018



NOTE  
 1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

**NOT FOR CONSTRUCTION**

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-6003.dwg		PLOT DATE 21 May 2022		TIME 19:09:07	
EXTERNAL REFERENCE FILES X_30032687_SMEC_A1	REV	DATE	AMENDMENT / REVISION DESCRIPTION	MWR No.	APPROVAL
	A	20.08.21	30% CONCEPT DESIGN	006	MSL
	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL
	C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL
	D	18.11.22	UPDATED RIGHT OF WAY	037	MSL

DESIGNER	NAME
DRAFTER	SUCHITH.R
DRAFTING CHECK	C.BOU
DESIGNER	M.SERRANO LOPEZ
DESIGN CHECK	J.WAGENAAR
PROJECT MANAGER	M.SERRANO LOPEZ
PROJECT DIRECTOR	D.TAYLOR

SCALES AT A1 SIZE DRAWING

SCALE 0 500 1000 1250m  
1 : 50000 (A3) : 25000 (A1)



Member of the Suez Canal Group  
 © ABN 47 065 475 149  
 LEVEL 6, 480 ST PAULS TERRACE  
 FORTITUDE VALLEY QLD 4006  
 SMEC PROJECT No 30032687

CLIENT



PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE KEY PLAN			
SCALE	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-34200-C-6003	REVISION D

150 mm ON ORIGINAL  
A1

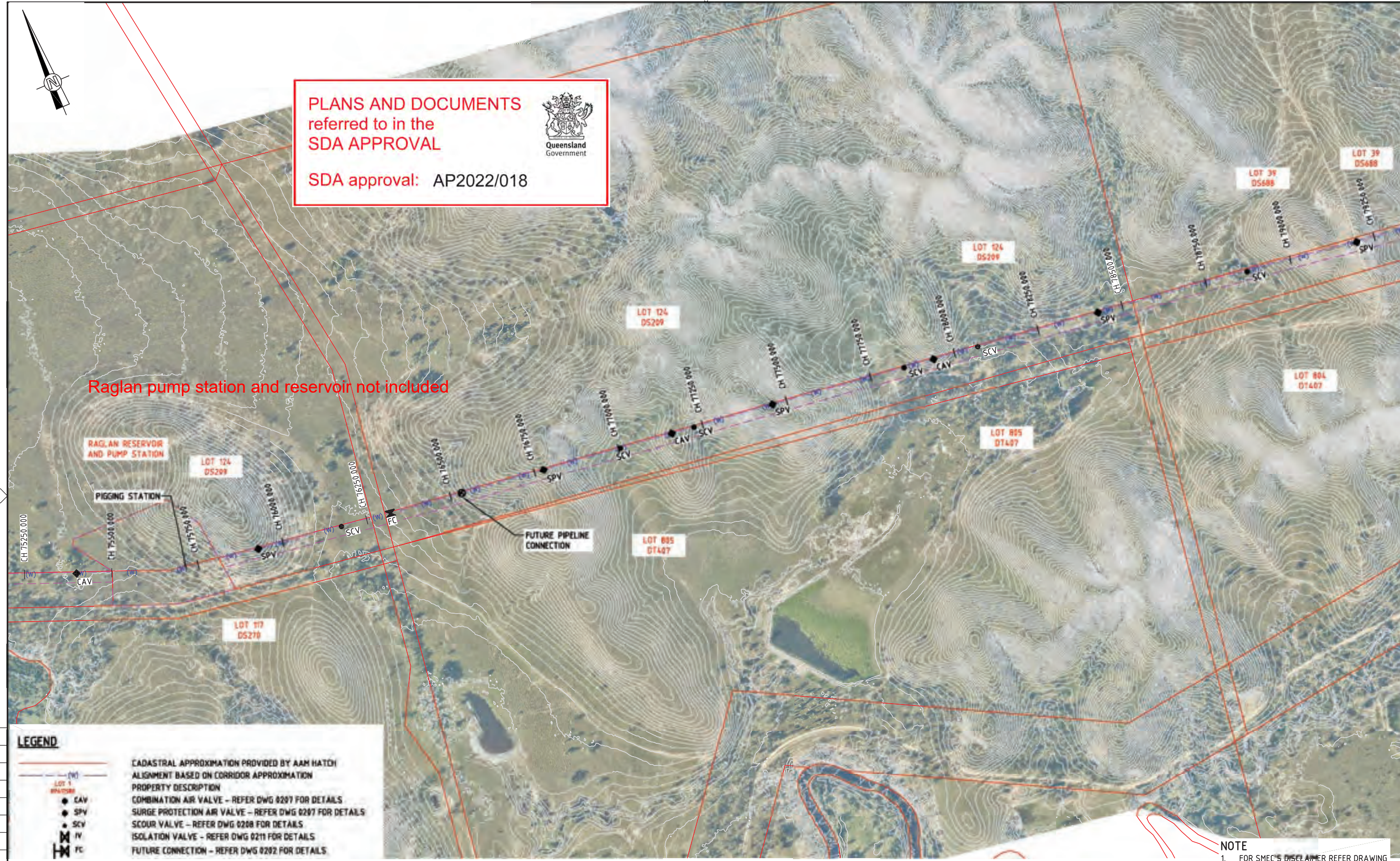


**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**

SDA approval: AP2022/018



Raglan pump station and reservoir not included



**LEGEND**

	CADASTRAL APPROXIMATION PROVIDED BY AAM HATCH
	ALIGNMENT BASED ON CORRIDOR APPROXIMATION
	PROPERTY DESCRIPTION
	COMBINATION AIR VALVE - REFER DWG 0297 FOR DETAILS
	SURGE PROTECTION AIR VALVE - REFER DWG 0297 FOR DETAILS
	SCOUR VALVE - REFER DWG 0288 FOR DETAILS
	ISOLATION VALVE - REFER DWG 0211 FOR DETAILS
	FUTURE CONNECTION - REFER DWG 0292 FOR DETAILS
	RIGHT OF WAY

**NOTE**  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

**NOT FOR CONSTRUCTION**

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687-GFP-0E Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-6014.dwg		PLOT DATE 13 May 2022		TIME 19:16:43	
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X:\VALUES	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL
X:\CONTOUR INT INTERVAL	C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL
X:\5000_DWG_LEGEND	D	18.11.22	UPDATED RIGHT OF WAY	037	MSL
X:\0200					
SS_30032687_GFP_Aerial Image					
X:\30032687_GFP_Aerial Image_3					
X:\30032687_GFP_Aerial Image_4					
X:\30032687_GFP_ROW					
X:\30032687_GFP_Alignment_2022					

DESIGNER	SUCHITH.R
DRAFTING CHECK	C.BOU
DESIGNER	M.SERRANO LOPEZ
DESIGN CHECK	J.WAGENAAR
PROJECT MANAGER	M.SERRANO LOPEZ
PROJECT DIRECTOR	D.TAYLOR

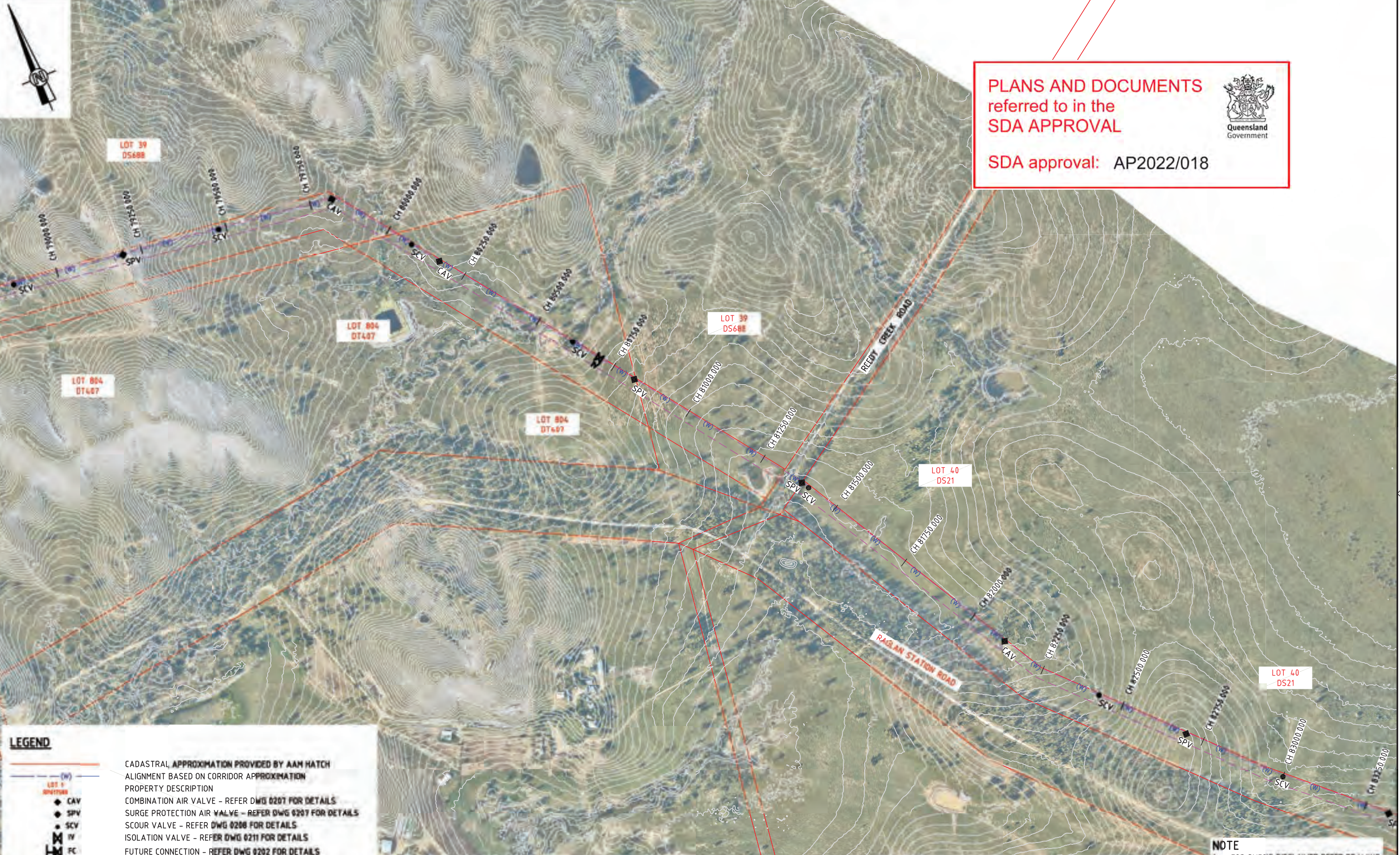
**SMEC**  
Member of the Saurburt Group  
© ABN 47 065 475 149  
LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

**Gladstone Area Water Board**

PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE LAYOUT PLAN CH76000 TO CH79500 SHEET 1			
SCALE 1:5000	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-34200-C-6014	REVISION D


150 mm ON ORIGINAL  
A1





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

SDA approval: AP2022/018



**LEGEND**

- CADASTRAL APPROXIMATION PROVIDED BY AAM HATCH
- ALIGNMENT BASED ON CORRIDOR APPROXIMATION
- PROPERTY DESCRIPTION
- COMBINATION AIR VALVE - REFER DWG 0207 FOR DETAILS
- SURGE PROTECTION AIR VALVE - REFER DWG 0207 FOR DETAILS
- SCOUR VALVE - REFER DWG 0208 FOR DETAILS
- ISOLATION VALVE - REFER DWG 0211 FOR DETAILS
- FUTURE CONNECTION - REFER DWG 0202 FOR DETAILS
- RIGHT OF WAY

**NOTE**  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

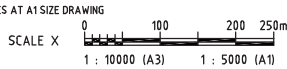
150 mm ON ORIGINAL

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-6015.dwg		PLOT DATE 12 May 2022		TIME 19:27:57	
EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	MVR No.	APPROVAL
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X_30032687_SHEC_A1	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL
X_VALVES	C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL
X_DWG	D	18.11.22	UPDATED RIGHT OF WAY	037	MSL
X_30032687_GFP_Aerial Image					
X_30032687_GFP_Aerial Image_4					
X_30032687_GFP_ROW					
X_30032687_GFP_Alignment_2022					

DESIGNER	SUCHITH R
DRAFTING CHECK	C. BOU
DESIGNER	M. SERRANO LOPEZ
DESIGN CHECK	J. WAGENAAR
PROJECT MANAGER	M. SERRANO LOPEZ
PROJECT DIRECTOR	D. TAYLOR

SCALES AT A1 SIZE DRAWING

SCALE X



1 : 10000 (A3)    1 : 5000 (A1)

**DESIGNER**



Members of the Saurburt Jurong Group  
© ABN 47 065 475 149

LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

**CLIENT**




PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE LAYOUT PLAN CH79500 TO CH83500 SHEET 2			
SCALE 1:5000	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-34200-C-6015	REVISION D

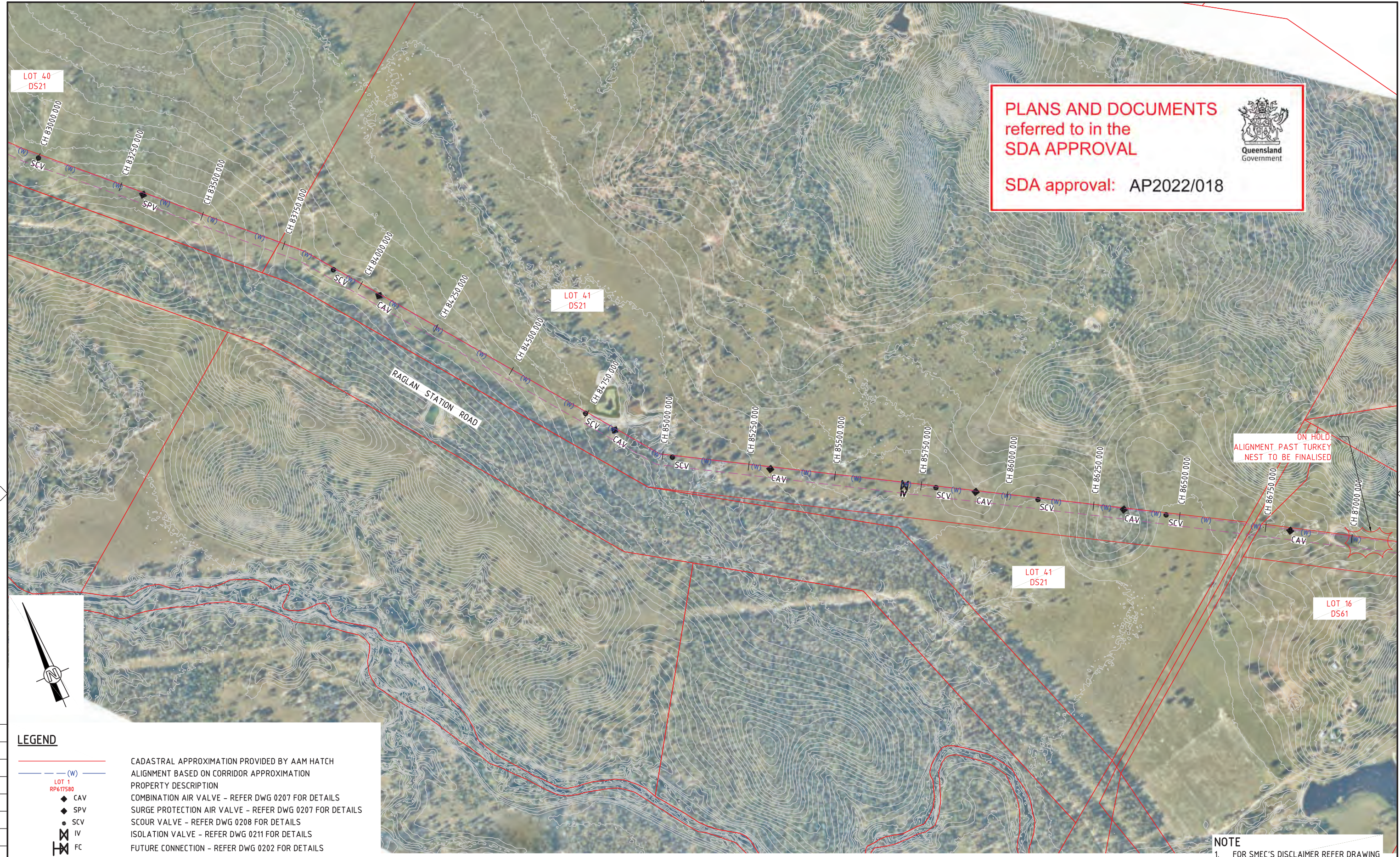
**NOT FOR CONSTRUCTION**



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



SDA approval: AP2022/018



**LEGEND**

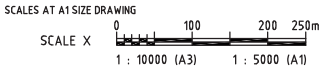
	CADASTRAL APPROXIMATION PROVIDED BY AAM HATCH
	ALIGNMENT BASED ON CORRIDOR APPROXIMATION
	PROPERTY DESCRIPTION
	CAV COMBINATION AIR VALVE - REFER DWG 0207 FOR DETAILS
	SPV SURGE PROTECTION AIR VALVE - REFER DWG 0207 FOR DETAILS
	SCV SCOUR VALVE - REFER DWG 0208 FOR DETAILS
	IV ISOLATION VALVE - REFER DWG 0211 FOR DETAILS
	FC FUTURE CONNECTION - REFER DWG 0202 FOR DETAILS
	RIGHT OF WAY

**NOTE**  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

150 mm ON ORIGINAL  
140  
130  
120  
110  
100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
0

DRAWING FILE LOCATION / NAME V:\Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-6016.dwg		PLOT DATE 11 May 2022		TIME 19:35:50	
EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	MVR No.	APPROVAL
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X:\DCDB	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL
X:\VALUES	C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL
X:\CONTOUR 1m INTERVAL	D	18.11.22	UPDATED RIGHT OF WAY	037	MSL
X:\3000_DWG_LEGEND					
SS_30032687_GFP_Aerial Image					
X:\30032687_GFP_RDW					
X:\30032687_GFP_Alignment_2022					

**NOT FOR CONSTRUCTION**



DESIGNER



Members of the Saurburt Jurong Group  
© ABN 47 065 475 149  
LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687


CLIENT



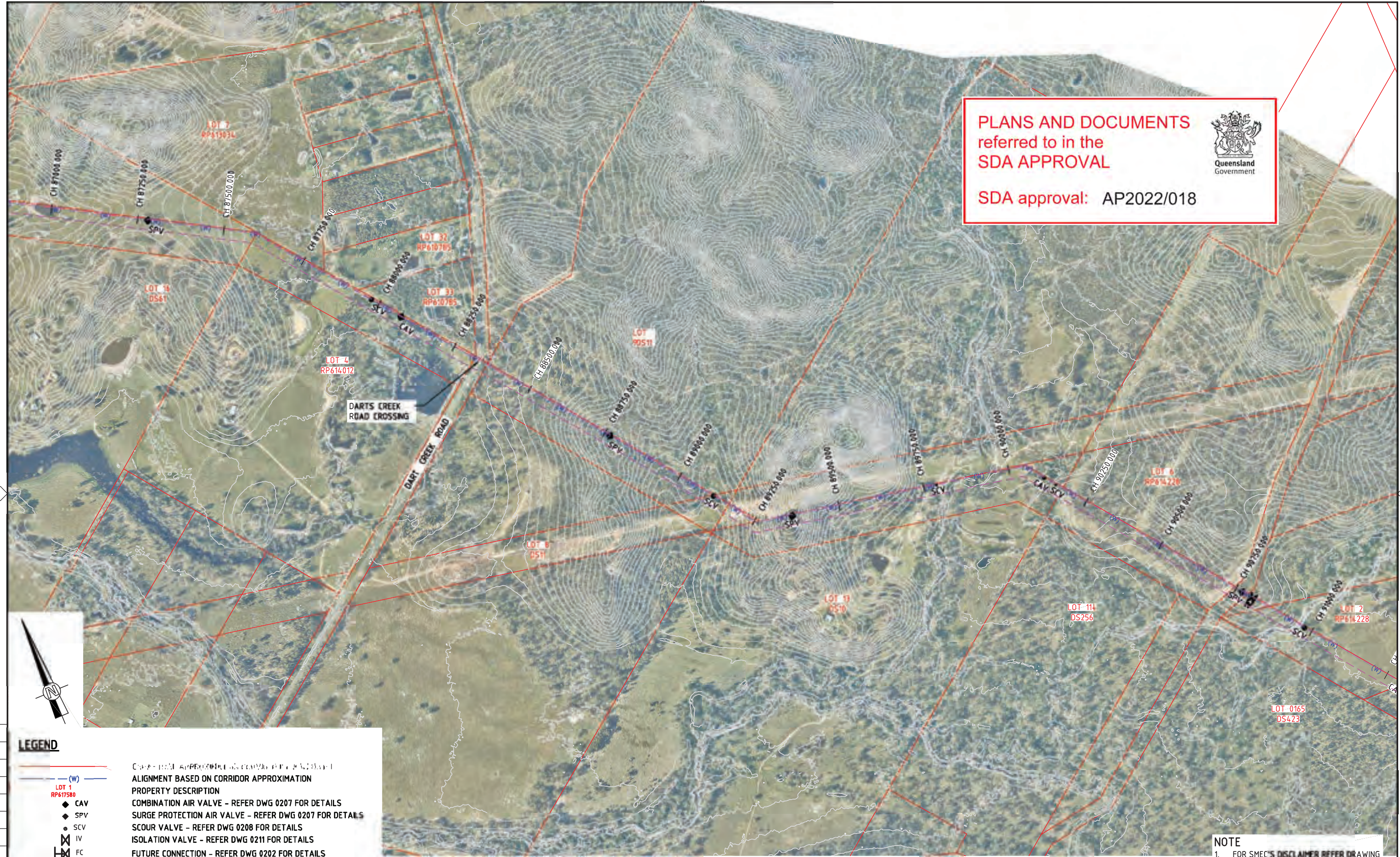
PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE			
LAYOUT PLAN CH83500 TO CH87500 SHEET 3			
SCALE 1:5000	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-34200-C-6016	REVISION D



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



SDA approval: AP2022/018



150 mm ON ORIGINAL  
A1

**LEGEND**

- (W) CORRIDOR APPROXIMATION
- LOT 1 RP617580
- ◆ CAV COMBINATION AIR VALVE - REFER DWG 0207 FOR DETAILS
- ◆ SPV SURGE PROTECTION AIR VALVE - REFER DWG 0207 FOR DETAILS
- SCV SCOUR VALVE - REFER DWG 0208 FOR DETAILS
- IV ISOLATION VALVE - REFER DWG 0211 FOR DETAILS
- FC FUTURE CONNECTION - REFER DWG 0202 FOR DETAILS
- RIGHT OF WAY

**NOTE**  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

**NOT FOR CONSTRUCTION**

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-6017.dwg		PLOT DATE 22 May 2022		TIME 19:44:31	
EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	MWR No.	APPROVAL
X_5000_DWG_LEGEND	A	20.08.21	30% CONCEPT DESIGN	006	MSL
X_30032687_SHEC_A1	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL
X_VALVES	C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL
X_CONTOUR 1m INTERVAL	D	18.11.22	UPDATED RIGHT OF WAY	037	MSL
X_04208					
SS_30032687_GFP_Aerial Image					
X_30032687_GFP_Aerial Image 4					
X_30032687_GFP_Alignment_2522					
X_30032687_GFP_ROW					

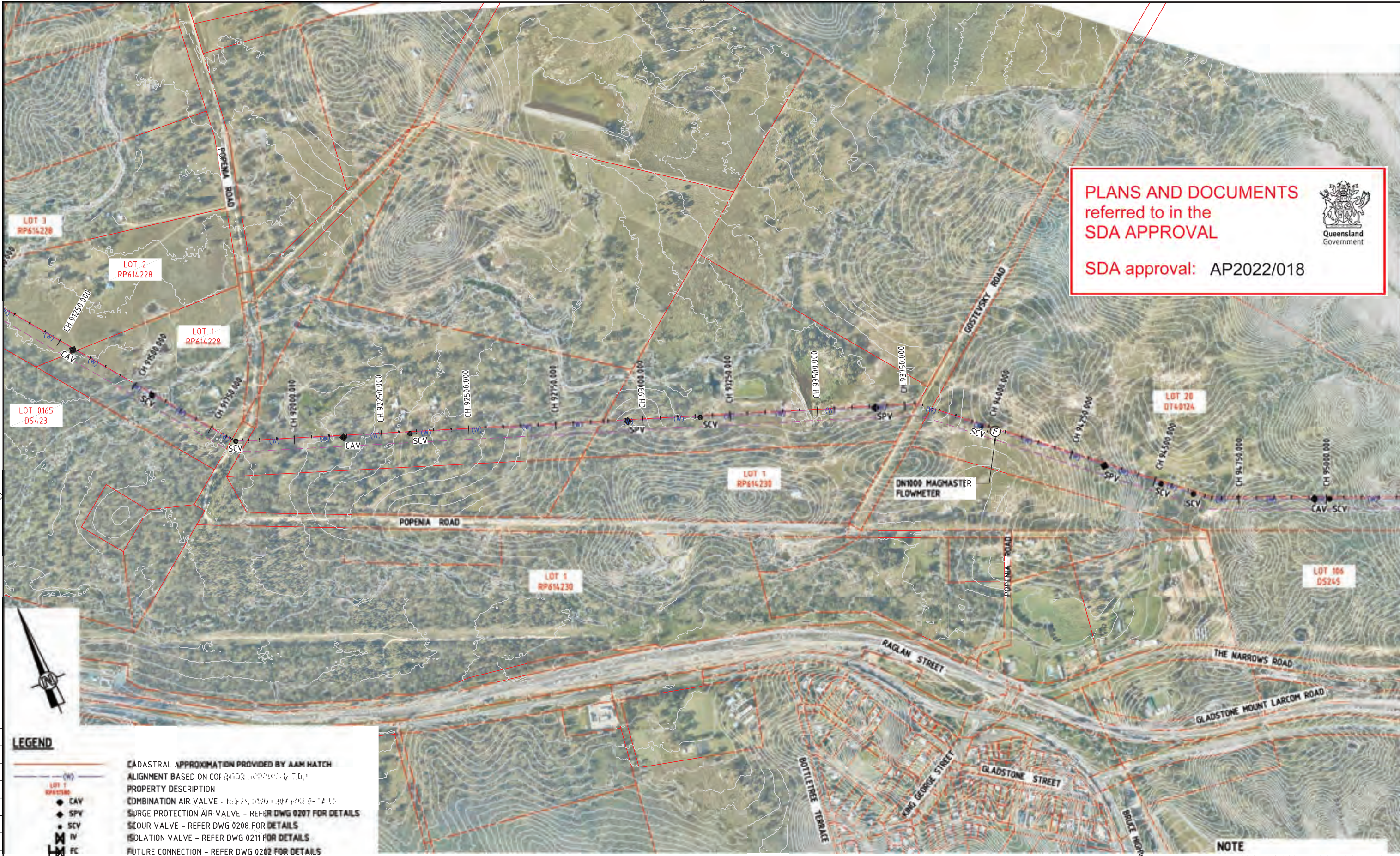
  

DESIGNER	CLIENT	PROJECT TITLE	SCALE	PHASE	PROJECT / DRAWING No.	REVISION
SMEC Members of the Sutherland Shire Council © ABN 47 065 475 149 LEVEL 6, 480 ST PAULS TERRACE FORTITUDE VALLEY QLD 4006 SMEC PROJECT No 30032687	Gladstone Area Water Board	FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE LAYOUT PLAN CH87500 TO CH91500 SHEET 4	1:5000	CONCEPT DESIGN	30032687-DWG-34200-C-6017	D



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

SDA approval: AP2022/018



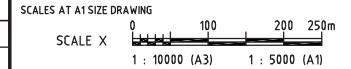
**LEGEND**

- CADASTRAL APPROXIMATION PROVIDED BY AAM HATCH
- ALIGNMENT BASED ON COORDINATE DATA
- PROPERTY DESCRIPTION
- COMBINATION AIR VALVE - REFER DWG 0207 FOR DETAILS
- SURGE PROTECTION AIR VALVE - REFER DWG 0207 FOR DETAILS
- SCOUR VALVE - REFER DWG 0208 FOR DETAILS
- ISOLATION VALVE - REFER DWG 0211 FOR DETAILS
- FUTURE CONNECTION - REFER DWG 0202 FOR DETAILS
- RIGHT OF WAY

**NOTE**  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

150 mm ON ORIGINAL  
A1

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-60112.dwg		PLOT DATE 18 May 2022		TIME 19:54:49	
REV	DATE	AMENDMENT / REVISION DESCRIPTION	MWR No.	APPROVAL	TITLE
A	20.08.21	30% CONCEPT DESIGN	006	MSL	DRAFTER <i>SUCHITH.R</i>
B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL	DRAFTING CHECK <i>C.BOU</i>
C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL	DESIGNER <i>M.SERRANO LOPEZ</i>
D	18.11.22	UPDATED RIGHT OF WAY	037	MSL	DESIGN CHECK <i>J.WAGENAAR</i>
					PROJECT MANAGER <i>M.SERRANO LOPEZ</i>
					PROJECT DIRECTOR <i>D.TAYLOR</i>



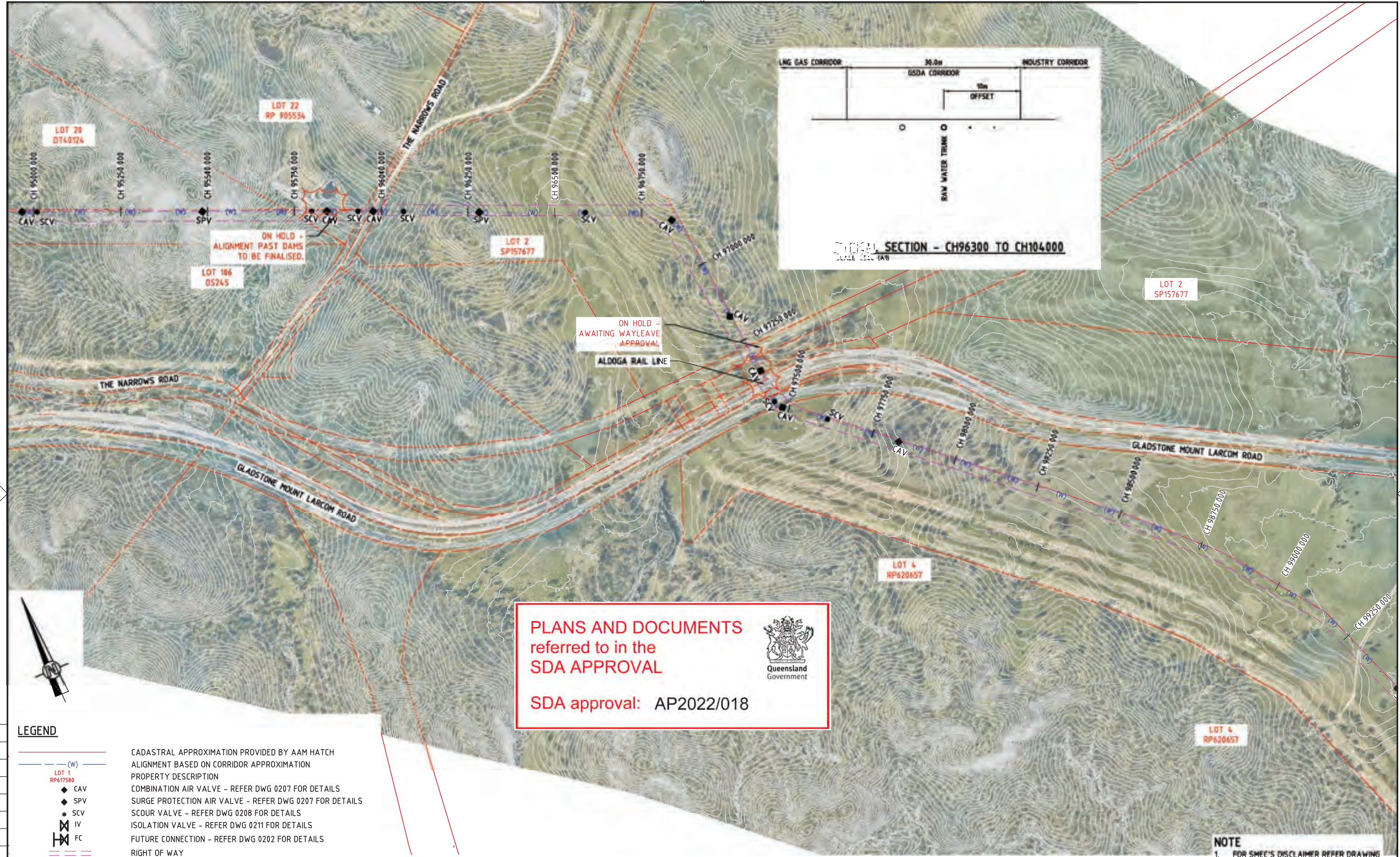
**NOT FOR CONSTRUCTION**

**SMEC**  
Member of the Saurbrand Group  
© ABN 47 065 475 149  
LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

**Gladstone Area Water Board**

PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE			
LAYOUT PLAN CH9150 TO CH9500 SHEET 5			
SCALE 1:5000	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-34200-C-60118	REVISION D





**PLANS AND DOCUMENTS**  
 referred to in the  
**SDA APPROVAL**  
  
 SDA approval: AP2022/018



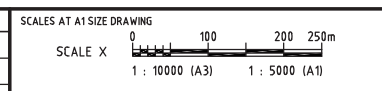
LEGEND		PROPERTY DESCRIPTION
— (W) —		CADASTRAL APPROXIMATION PROVIDED BY AAM HATCH
— (W) —		ALIGNMENT BASED ON CORRIDOR APPROXIMATION
LOT 1 RP617580		COMBINATION AIR VALVE - REFER DWG 0207 FOR DETAILS
◆ CAV		SCOUR VALVE - REFER DWG 0208 FOR DETAILS
◆ SPV		ISOLATION VALVE - REFER DWG 0211 FOR DETAILS
● SCV		FUTURE CONNECTION - REFER DWG 0202 FOR DETAILS
◆ IV		RIGHT OF WAY
— FC —		

**NOTE**  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

150 mm ON ORIGINAL

DRAWING FILE LOCATION / NAME		PLOT DATE	
V:\_Vault\Projects\3003\30032687-GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-6019.dwg		21 May 2022	
REV	DATE	AMENDMENT / REVISION DESCRIPTION	MWR No.
A	20.08.21	30% CONCEPT DESIGN	006
B	14.01.22	CONCEPT DESIGN-ECI PHASE	006
C	30.06.22	OPTIMISED CONCEPT DESIGN	006
D	18.11.22	UPDATED RIGHT OF WAY	037

APPROVAL	TITLE	NAME
MSL	DRAFTER	SUCHITH.R
MSL	DRAFTING CHECK	C.BOU
MSL	DESIGNER	M.SERRANO LOPEZ
MSL	DESIGN CHECK	J.WAGENAAR
MSL	PROJECT MANAGER	M.SERRANO LOPEZ
MSL	PROJECT DIRECTOR	D.TAYLOR



**NOT FOR CONSTRUCTION**

Member of the Saurburt Group
   
 ABN 47 065 475 149
   
 LEVEL 6, 480 ST PAULS TERRACE
   
 FORTITUDE VALLEY QLD 4006
   
 SMEC PROJECT No 30032687

Gladstone Area Water Board

PROJECT TITLE			
FITZROY TO GLADSTONE PIPELINE PROJECT			
30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE			
LAYOUT PLAN			
CH9500 TO CH9925.218			
SHEET 6			
SCALE	PHASE	PROJECT / DRAWING No.	REVISION
1:5000	CONCEPT DESIGN	30032687-DWG-34200-C-6019	D



**STANDARD PIPELINE NOTES:**

- SERVICES SHOWN ARE APPROXIMATE ONLY AND ARE THOSE RECEIVED FROM DBYD TO DATE (VALID FOR LIMITED PERIOD). EXACT LOCATION TO BE DETERMINED ON SITE.
- BOREHOLES SHOWN ARE APPROXIMATE ONLY AND ARE THOSE RECEIVED TO DATE. EXACT LOCATION TO BE DETERMINED ON SITE.
- MINIMUM PIPELINE COVER = 900mm (EXCEPT IN FLOOD PRONE AREAS)
- MINIMUM PIPELINE COVER IN FLOOD PRONE AREAS = 1200mm (CH 4100 TO CH 44300 & CH 49400 TO 75000)
- MAXIMUM PIPELINE COVER = 3500mm
- MINIMUM PIPELINE COVER UNDER ROADS = 900mm
- MINIMUM PIPELINE COVER UNDER CREEKS = 1200mm
- MAXIMUM DESIGN PRESSURE FOR PIPELINE = 210m

**STANDARD CROSSING NOTES:**

- REFER TO PIPELINE LONG PROFILE DRAWINGS FOR DETAILS OF PIPE AND FITTINGS
- ALL PIPE JOINTS TO BE WELDED WITHIN CONCRETE ENCASMENT SECTION AND ENCASING PIPE
- CLASS AND DETAILS OF ENCASING PIPE TO BE DETERMINED BY SPECIALIST DRILLING CONTRACTOR.
- REINFORCED CONCRETE ENCASING PIPE TO BE USED FOR RAIL CROSSINGS AND COMBINED ROAD & RAIL CROSSINGS.
- FOR ALL OTHER CROSSINGS, TYPE OF ENCASING PIPE TO BE DETERMINED BY SPECIALIST DRILLING CONTRACTOR AND APPROVED BY PRINCIPAL CONTRACTOR.
- ENCASING PIPE TO BE INSTALLED BY THRUST BORING OR MICRO TUNNELLING METHOD.
- ENCASING PIPE TO EXTEND MIN 2m PAST TOE OF BATTER FOR ROAD/RAIL EMBANKMENT.
- ENCASING PIPE TO EXTEND MIN 2.0m PAST EDGE OF CREEK

**TRENCH TYPES FOR PIPELINE SECTIONS NOTES:**

- GROUND CONDITIONS BETWEEN 0 TO 1200 AND 90575 TO 117400 ARE ASSUMED FOR DESIGN PURPOSES
- ALL SOIL CLASSIFICATIONS ARE BASED ON PRELIM DMR BOREHOLE INVESTIGATIONS AND THEREFORE ARE SUBJECT TO CHANGE
- ACTUAL GROUND CLASSIFICATIONS & TRENCH TYPE TO BE DETERMINED ON-SITE BY EXPERIENCED GEOTECHNICAL ENGINEER

**LEGEND**

- CADASTRAL APPROXIMATION BASED ON ASSUMPTION FROM IMAGE INFORMATION
- STANWELL - GLADSTONE INFRASTRUCTURE CORRIDOR APPROXIMATION BASED ON CADASTRAL APPROXIMATION
- GLADSTONE STATE DEVELOPMENT AREA CORRIDOR APPROXIMATION BASED ON CADASTRAL APPROXIMATION
- PRELIMINARY ALIGNMENT BASED ON CORRIDOR APPROXIMATION
- PROPERTY DESCRIPTION**
- COMBINATION AIR VALVE (PLAN & L.S.) - REFER DWG 30032656-DWG-34000-C-0207 FOR DETAILS
- SURGE PROTECTION AIR VALVE (PLAN & L.S.) - REFER DWG 30032656-DWG-34000-C-0207 FOR DETAILS
- SCOUR VALVE (PLAN & L.S.) - REFER DWG 30032656-DWG-34000-C-0208 FOR DETAILS
- ISOLATION VALVE (PLAN & L.S.) - REFER DWG 30032656-DWG-34000-C-0211 FOR DETAILS
- MAGMASTER FLOWMETER (PLAN) - REFER DWG 30032656-DWG-34000-C-0209 FOR DETAILS
- VERTICAL BEND WITH PIPE DEFLECTIONS
- VERTICAL PIPE DEFLECTIONS
- HORIZONTAL BEND WITH PIPE DEFLECTIONS
- HORIZONTAL PIPE DEFLECTIONS
- EXISTING OPTIC FIBRE CABLE
- EXISTING GAS SERVICE (ALINTA)
- EXISTING GAS SERVICE (APA GROUP)
- EXISTING ENERGEX SERVICE
- EXISTING OVERHEAD ELECTRICITY SERVICE
- EXISTING TELSTRA SERVICE
- EXISTING SLURRY PIPE
- TEST PIT LOCATION (2008)
- BORE HOLE LOCATION (2008)
- TEST PIT LOCATION (2007)

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

SDA approval: AP2022/018

**NOTE**  
1. FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

**NOT FOR CONSTRUCTION**

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DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\0130 GL\34200 RAGLAN PUMP STATION TO ALDOGA PIPELINE\30032687-DWG-34200-C-6034.dwg		PLOT DATE 20 May 2022		TIME 20:53:38						
EXTERNAL REFERENCE FILES X_30032656_SMEC_A1	REV	DATE	AMENDMENT / REVISION DESCRIPTION	MWR No.	APPROVAL	TITLE	NAME	DESIGNER	CLIENT	PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - RAGLAN PUMP STATION TO ALDOGA PIPELINE PLAN AND LONGITUDINAL SECTION GENERAL NOTES & LEGEND
	A	20.08.21	30% CONCEPT DESIGN	006	MSL	DRAFTER	SUCHITH.R	 Member of the Surlana Jurong Group ABN 47 065 475 149 LEVEL 6, 480 ST PAULS TERRACE FORTITUDE VALLEY QLD 4006 SMEC PROJECT No 30032687		SCALE CONCEPT DESIGN PROJECT / DRAWING No. 30032687-DWG-34200-C-6034 REVISION D
	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL	DRAFTING CHECK	C.BOU			
	C	30.06.22	OPTIMISED CONCEPT DESIGN	006	MSL	DESIGNER	M.SERRANO LOPEZ			
	D	18.11.22	UPDATED RIGHT OF WAY	037	MSL	DESIGN CHECK	J.WAGENAAR			
						PROJECT MANAGER	M.SERRANO LOPEZ			
						PROJECT DIRECTOR	D.TAYLOR			



**STANDARD NOTES:**

- ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE.
- UNREINFORCED CONCRETE TO BE CLASS N20 AND REINFORCED CONCRETE TO BE CLASS N25 U.N.O. FOR AGGRESSIVE CONDITIONS USE SPECIAL GRADES OF CONCRETE AS DIRECTED ON DESIGN DRAWINGS.
- ALL TEMPORARY FENCING TO BE PROVIDED AS PER LANDOWNER REQUIREMENTS.
- PIPELINE PRESSURE RATINGS AS FOLLOWS:  
ALTON DOWNS TO RAGLAN = PN21  
RAGLAN TO ALDOGA = PN21  
ALDOGA TO MT MILLER = PN16  
MINIMUM PIPELINE COVER = 900mm (EXCEPT IN FLOOD PRONE AREAS)  
MINIMUM PIPELINE COVER IN FLOOD PRONE AREAS = 1100mm  
MAXIMUM PIPELINE COVER = 3500mm U.N.O.

**STANDARD PIPE TRENCH NOTES:**

- USE EMBEDMENT TYPES ONLY AS DIRECTED ON DESIGN DRAWINGS.
- LAY GEOTEXTILE FILTER FABRIC LAID AGAINST THE TRENCH FLOOR AND WALL SUCH THAT IT FULLY ENCASES OVER EXCAVATION. PROVIDE MIN 250mm LAP AT ALL FILTER FABRIC JOINTS.
- ALL DESIGN TO AS2566.1.
- FOR ALL PIPE JOINTS OTHER THAN WELDS CONCRETE SURROUND TO TERMINATE 500 CLEAR OF EACH SIDE OF JOINT AND USE TYPE A TRENCH AT JOINT.

**ACCESS MANHOLE & TEE BRANCHES NOTES:**

- DEPTH OF MAIN MAY BE LOCALLY INCREASED TO ACHIEVE SPECIFIED COVER.
- TEE FABRICATION DETAILS IN ACCORDANCE WITH AS 1579.

**AIR VALVE NOTES:**

- DEPTH MAY BE LOCALLY INCREASED TO ACHIEVE SPECIFIC COVER.
- ISOLATION VALVE TO BE GATE VALVE TYPE. ISOLATING VALVE TO BE INSTALLED SUCH THAT THE AIR VALVE CAN BE REMOVED AND SERVICED WITH THE ISOLATION VALVE IN PLACE.
- FLANGED BRANCH DIAMETER TO MATCH AIR VALVE FLANGE DIAMETER, AS SHOWN IN DESIGN DRAWINGS.

**PIPE FITTINGS & BENDS - STEEL FABRICATION NOTES:**

- SEE AS 1579 FOR ALTERNATIVE BEND DETAILS AND FABRICATION REQUIREMENTS.
- ALL WELDING TO BE IN ACCORDANCE WITH AS/NZS 1544.1 CATEGORY SP.
- FLANGE DRILLING TO COMPLY WITH AS 4087. ALL FLANGES SHALL BE RAISED FACED OR O-RING AS SPECIFIED ON DETAIL DRAWING. FULL FACE GASKETS TO BE USED WITH RAISED FACED FLANGES.
- GASKETS AND 'O' RING TO COMPLY WITH SPECIFICATION.
- PIPE TO BE IN ACCORDANCE WITH AS 1579 AND CEMENT LINING IN ACCORDANCE WITH AS 1281 TO SUIT DESIGN PRESSURES.
- FITTINGS TO BE LINED OR COATED AS SPECIFIED INTERNALLY AND COATED WITH MEDIUM DENSITY PE TO AS 4321 OR PAINTED WITH HIGH BUILD EPOXY OR APPROVED EQUIVALENT.
- FLANGE BOLTING DETAILS AS PER MANUFACTURERS RECOMMENDATIONS.
- REINFORCING COLLARS REQUIRED FOR HIGH PRESSURE APPLICATIONS AS SPECIFIED.

**SCOUR CONNECTION & DISCHARGE NOTES:**

- OBTAIN DRAINAGE AUTHORITY APPROVAL FOR SUMP &/OR DISCHARGE POINT PRIOR TO CONSTRUCTION OF SCOUR.

**CONFINED SPACE NOTES:**

- WARNING SIGNAGE TO BE PROVIDED FOR ALL CONFINED SPACES IN ACCORDANCE WITH AS1319 - SAFETY SIGN FOR THE OCCUPATIONAL ENVIRONMENT.
- ALL CONSTRUCTION AND O & M WORKS IN ACCORDANCE WITH AS2865:2001 - SAFE WORKING IN A CONFINED SPACE.

**MARKER POSTS NOTES:**

- TYPE, LOCATION AND ORIENTATION OF MARKERS TO BE IN ACCORDANCE WITH GLADSTONE AREA WATER BOARD REQUIREMENTS.
- DISTANCE TO AND SIZE OF MAIN/FITTING TO BE AS SHOWN ON MARKER.
- LOCATE MARKERS AT RIGHT ANGLES TO THE MAIN WITH MARKINGS FACING TOWARDS THE VALVE OR HYDRANT
- METALLIC MARKER PLATES TO BE REFLECTIVE WHITE WITH NON-REFLECTIVE LETTERING. LETTERING COLOUR TO BE HOME BUSH RED (R22), TO AS 2700. MARKER PLATE LETTERS TO BE 80 HIGH x 40 WIDE x 10 STROKE WIDTH AS.
- COLOURED MARKER DISKS TO BE INSTALLED FOR THE APPROPRIATE USAGE.
- WATERMAIN MARKER POSTS TO BE CONSTRUCTED AT PROPERTY BOUNDARIES AND AT ALL HORIZONTAL BENDS, ROAD, RAIL AND CREEK CROSSINGS, AS WELL AS VALVE AND METER LOCATIONS.

**GRADIENT TRENCH STOP NOTES:**

- PROVIDE TRENCH STOPS (IF REQUIRED) AT LOCATIONS SPECIFIED IN DESIGN DRAWINGS. LOCATE TRENCH STOPS AT SOCKET ENDS AS SHOWN ON DRAWINGS.
- GRADIENT TRENCH STOPS AND CONCRETE SURROUND TO BE LOCATED 500mm FROM SOCKET END OF PIPE. ALL BAGS TO BE SEALED TO PREVENT LOSS OF CONTAINED MATERIAL.
- FOR GRADES 5% TO 14% USE TRENCH STOPS. FOR GRADES 15% TO 29% USE BULKHEADS AND TRENCH STOPS.
- ABOVE REQUIREMENT APPLIES TO BOTH POSITIVE AND NEGATIVE SLOPES.
- FOR ALL PIPE JOINTS OTHER THAN WELDS CONCRETE SURROUND TO TERMINATE 500 CLEAR OF EACH SIDE OF PIPE JOINT AND USE TYPE A TRENCH AT PIPE JOINT.
- SEAL BAGS TO PREVENT LEAKAGE OF CONTAINED MATERIAL.

**BULKHEAD NOTES:**

- CONSTRUCT CONCRETE BULKHEADS (IF REQUIRED) AT LOCATIONS SPECIFIED IN DESIGN DRAWINGS. LOCATE BULKHEADS AT SOCKET ENDS AS SHOWN ON DRAWINGS.
- KEY CONCRETE BULKHEADS INTO SIDES AND BOTTOM OF TRENCH AGAINST A BEARING SURFACE OF UNDISTURBED SOIL.
- FOR SLOPES 15% TO 29% USE BULKHEADS AND TRENCH STOPS. FOR SLOPER >30% USE WELDED JOINTS AND BULKHEADS.
- DO NOT DEFORM PIPES DURING PLACEMENT OF CONCRETE.
- PROVIDE A CONTINUOUS DRAINAGE PATH THROUGH BULKHEADS
- COMPRESSIBLE MEMBRANE AROUND PIPE TO BE 3 THICK RUBBER FOR BULKHEADS ON SLOPES

**FENCING NOTES:**

- ALL TEMPORARY AND PERMANENT FENCING IN ACCORDANCE WITH DMR-1601 UNLESS OTHERWISE NOTED.

**STANDARD CROSSING NOTES:**

- REFER TO PIPELINE LONG PROFILE DRAWINGS FOR DETAILS OF PIPE AND FITTINGS
- ALL PIPE JOINTS TO BE WELDED WITHIN CONCRETE ENCASEMENT SECTION AND ENCASEING PIPE
- CLASS AND DETAILS OF ENCASEING PIPE TO BE DETERMINED BY SPECIALIST DRILLING CONTRACTOR.
- REINFORCED CONCRETE ENCASEING PIPE TO BE USED FOR RAIL CROSSINGS AND COMBINED ROAD & RAIL CROSSINGS.
- FOR ALL OTHER CROSSINGS, TYPE OF ENCASEING PIPE TO BE DETERMINED BY SPECIALIST DRILLING CONTRACTOR AND APPROVED BY PRINCIPAL CONTRACTOR.
- ENCASEING PIPE TO BE INSTALLED BY THRUST BORING OR MICRO TUNNELING METHOD.
- ENCASEING PIPE TO EXTEND MIN 2m PAST TOE OF BATTER FOR ROAD/RAIL EMBANKMENT.
- ENCASEING PIPE TO EXTEND MIN 2.0m PAST EDGE OF CREEK
- REINSTATEMENT OF EXTERNAL PIPE PROTECTION AT WELDED JOINTS IS NOT REQUIRED FOR CONCRETE ENCASED PIPE.

**VALVE AND FITTING NOTES:**

- ALL VALVES AND FITTINGS TO BE PN21 RATED FOR ALTON DOWNS TO ALDOGA U.N.O.
- ALL VALVES AND FITTINGS TO BE PN16 FROM ALDOGA TO MT MILLER.

**WELDED JOINTS:**

- WELDED JOINTS SHALL BE EITHER BALL AND SOCKET TYPE OR COLLAR WELDS.
- AFTER WELDING AND TESTING OF JOINT, INTERNAL CEMENT MORTAR LINING SHALL BE POINTED AS PER MANUFACTURERS RECOMMENDATIONS.
- THE JOINTS SHALL BE COATED EXTERNALLY WITH A HEAT SHRINK SLEEVE \ WRAP AS SPECIFIED.

**BURIED FLANGE JOINTS:**

- ALL BURIED FLANGE JOINTS SHALL BE DENSO WRAPPED AS SPECIFIED.
- ALL NUTS, BOLTS & WASHERS SHALL BE GRADE 8.8 GALVANISED STEEL.

**FLANGE JOINTS IN PITS:**

- ALL NUTS, BOLTS & WASHERS SHALL BE GRADE 316 S.S. AS SPECIFIED


**CATHODIC PROTECTION & INDUCED CURRENT NOTES:**

- CATHODIC PROTECTION LOOPS AND LUGS TO BE PROVIDED FOR ALL RRJ PIPES.
- CATHODIC PROTECTION TO BE PROVIDED AS SPECIFIED ON DESIGN DRAWINGS.
- PIPES TO BE PROTECTED AGAINST INDUCED OR STRAY ELECTRICAL CURRENTS AS SPECIFIED ON DESIGN DRAWINGS.

**BLASTING NOTES:**

- ALL BLASTING IN ACCORDANCE WITH AS 2187 AND STATUATORY REQUIREMENTS.
- ALL AFFECTED UTILITIES & STAKEHOLDERS TO BE CONSULTED FOR APPROVAL IN ADVANCE OF WORKS.

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





**SDA approval: AP2022/018**

**NOTE**

- FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

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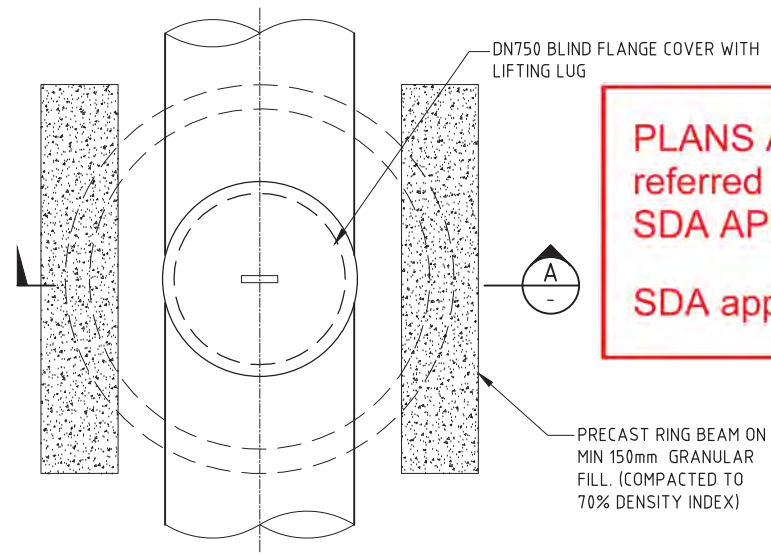
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				A	20.08.21	30% CONCEPT DESIGN	006	MSL	DRAFTER	SUCHITHR		 Member of the Surbana Jurong Group © ABN 47 065 475 149 LEVEL 6, 480 ST PAULS TERRACE FORTITUDE VALLEY QLD 4006 SMEC PROJECT NO 30032687	 Gladstone Area Water Board	GLADSTONE - FITZROY PIPELINE PROJECT 30GLA - PIPELINE STANDARD DRAWINGS TYPICAL DETAILS GENERAL NOTES		N.T.S.	CONCEPT DESIGN	30032687-DWG-34000-C-0200	C
				B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL	DRAFTING CHECK	J.HAYDON									
				C	27.05.22	OPTIMISED CONCEPT DESIGN	006	MSL	DESIGNER	M.SERRANO LOPEZ									
									DESIGN CHECK	J.WAGENAAR									
									PROJECT MANAGER	M.SERRANO LOPEZ									
									PROJECT DIRECTOR	A.ZANETTI									





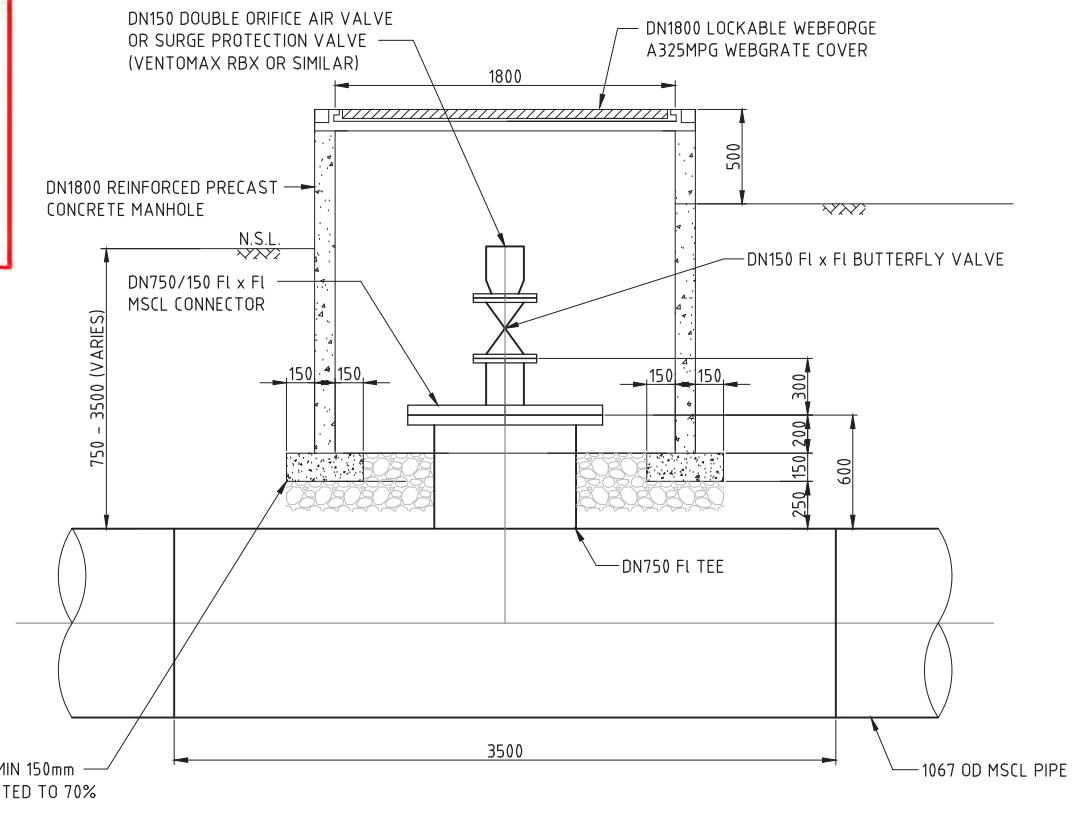


NOTES:  
FOR STANDARD NOTES REFER DRAWING  
30032656-DWG-24000-C-0200

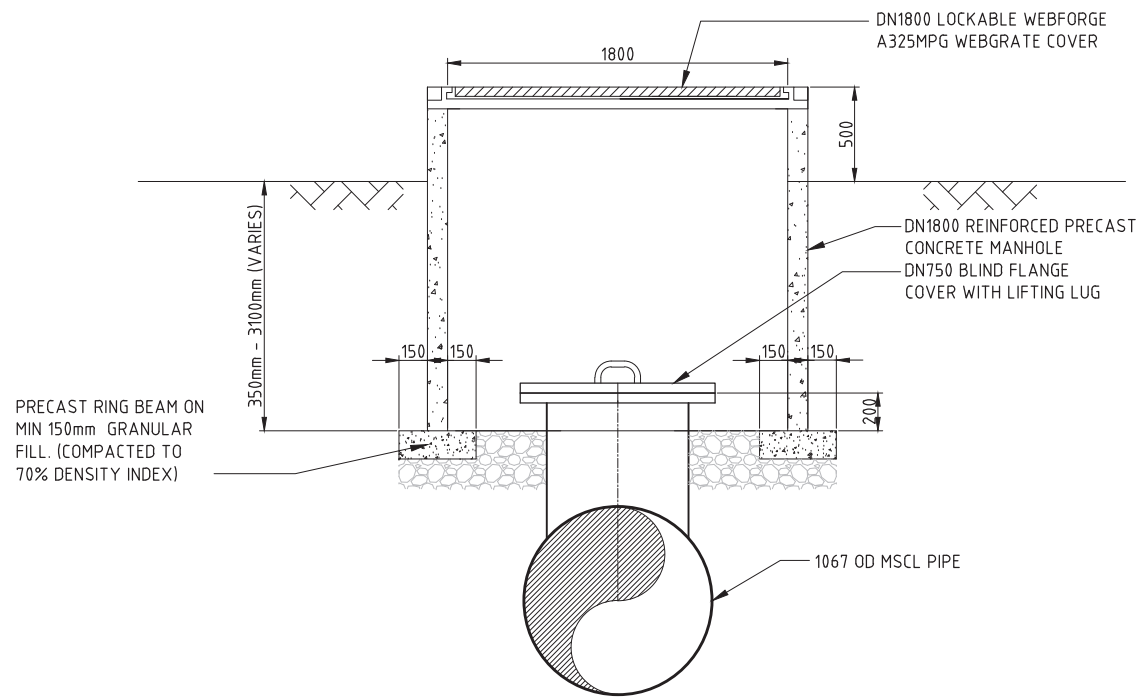


PLAN UNDER COVER SLAB

**PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL**  
  
**SDA approval: AP2022/018**



**COMBINED AIR/SURGE PROTECTION  
VALVE & ACCESS MANHOLE DETAIL**



SECTION A  
**ACCESS MANHOLE**

CHAINAGE	DESCRIPTION	STRUCTURE
285.000	11.25 & 22.5 deg bends	New Access Manhole
64250.000	45 deg bend	New Access Manhole
73817.000	22.5 deg bend	New Access Manhole
101296.000	22.5 deg bend	New Access Manhole

CHAINAGE	DESCRIPTION	STRUCTURE	CHAINAGE	DESCRIPTION	STRUCTURE
8000.000	11.25 deg bend	Combined CAV/AM	66425.000	22.5 deg bend	Combined SPV/AM
16767.000	11.25 deg bend	Combined SPV/AM	68915.000	11.25 deg bend	Combined CAV/AM
190399.000	11.25 deg bend	Combined CAV/AM	72361.000	45 deg bend	Combined SPV/AM
29185.000	22.5 deg bend	Combined CAV/AM	72442.000	45 deg bend	Combined SPV/AM
29256.000	11.25 deg bend	Combined CAV/AM	73483.000	45 deg bend	Combined SPV/AM
40712.000	11.25 deg bend	Combined SPV/AM	73576.000	45 deg bend	Combined SPV/AM
45210.000	11.25 deg bend	Combined SPV/AM	110664.000	22.5 deg bend	Combined SPV/AM
46403.000	11.25 deg bend	Combined CAV/AM	110772.000	22.5 deg bend	Combined SPV/AM
46923.000	11.25 deg bend	Combined CAV/AM	112135.000	22.5 deg bend	Combined CAV/AM
56827.000	45 deg bend	Combined CAV/AM	112906.000	11.25 deg bend	Combined SPV/AM
56937.000	45 deg bend	Combined CAV/AM	113120.000	11.25 deg bend	Combined SPV/AM
65084.000	11.25 deg bend	Combined CAV/AM			
65598.000	11.25 deg bend	Combined CAV/AM			
65654.000	11.25 deg bend	Combined CAV/AM			

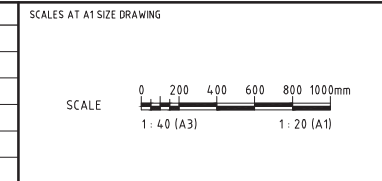
NOTE  
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DRAWING FILE LOCATION / NAME: V:\\_Vault\Projects\3003\30032687\GFP-OE Project\110\_CADD\CAD\DWG\01 30 GL\34000 PIPELINE TYPICAL & STANDARD DETAILS\30032687-DWG-34000-C-0203.dwg  
PLOT DATE: 04 Jan 2022  
TIME: 16:58:18

EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
X_30032656_SMEC_A1	A	20.08.21	30% CONCEPT DESIGN	006	MSL	DRAFTER	SUCHITH.R
	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL	DRAFTING CHECK	J.HAYDON
						DESIGNER	M.SERRANO LOPEZ
						DESIGN CHECK	J.WAGENAAR
						PROJECT MANAGER	M.SERRANO LOPEZ
						PROJECT DIRECTOR	A.ZANETTI

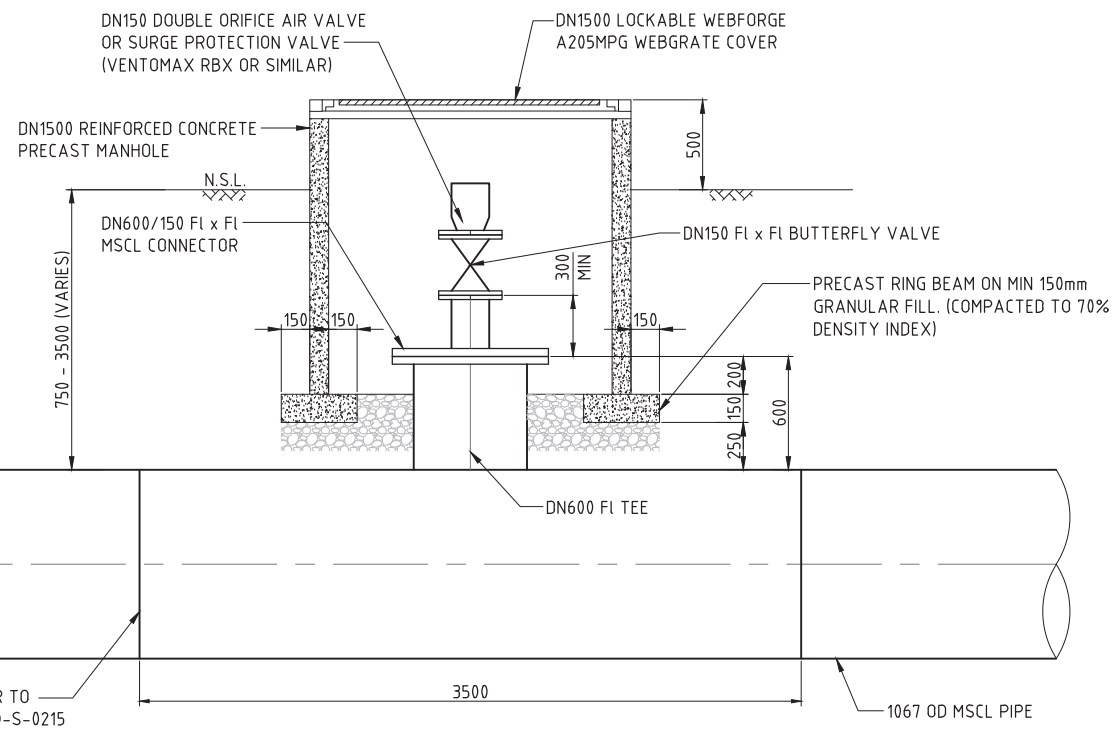


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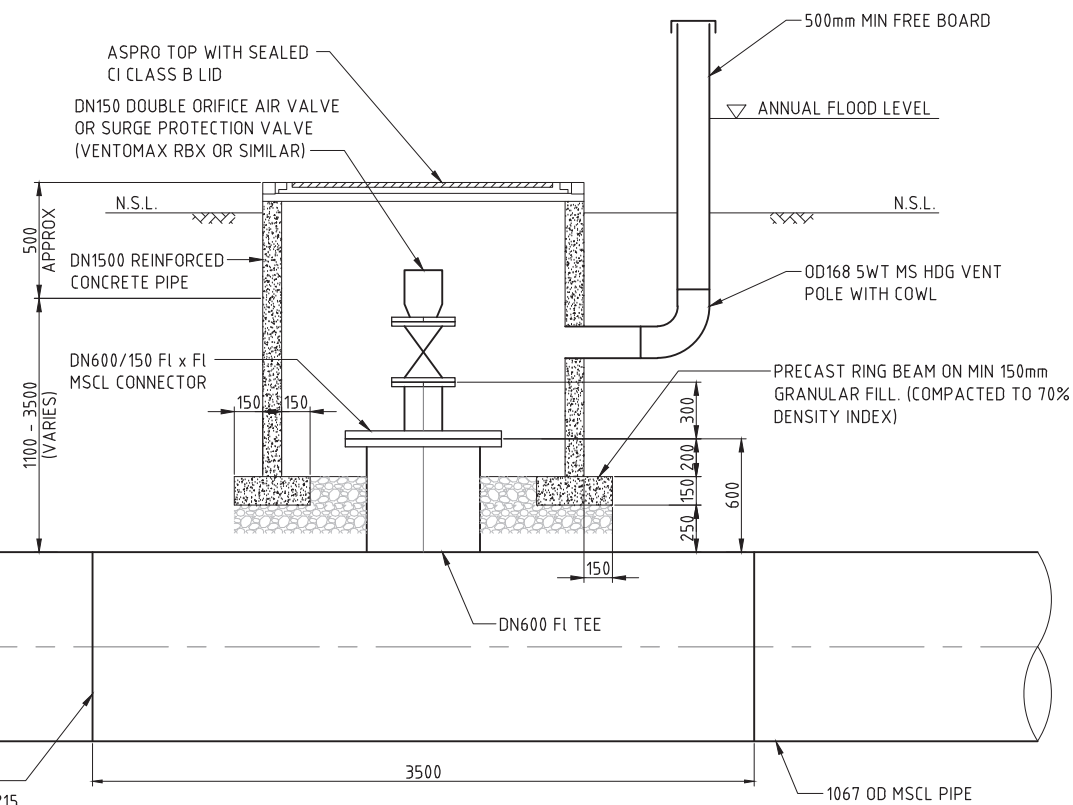
Member of the Surlana Jurong Group  
© ABN 47 065 475 149  
LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

CLIENT

PROJECT TITLE GLADSTONE - FITZROY PIPELINE PROJECT 30GLA - PIPELINE STANDARD DRAWINGS TYPICAL DETAILS ACCESS MANHOLE			
SCALE 1:20	PHASE CONCEPT DESIGN	PROJECT / DRAWING No 30032687-DWG-34000-C-0203	REVISION B



**COMBINED AIR/SURGE PROTECTION VALVE & ACCESS MANHOLE**



**COMBINED AIR/SURGE PROTECTION VALVE & ACCESS MANHOLE ON FLOOD PRONE AREA**

**ASSUMPTIONS**

- DEPTH MEASURED FROM GROUND LEVEL TO INVERT OF CHAMBER BASE
- DENSITY OF INSITU/BACKFILL MATERIAL = 18 KN/M<sup>3</sup>

**NOTES:**

- FOR STANDARD NOTES REFER DRAWING 30032656-DWG-34000-C-0200.
- GROUND LEVEL AND INVERT LEVEL TO BE DOCUMENTED WITH UPDATED SURVEY DURING NEXT STAGE OF THE DESIGN.
- FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112.

CHAINAGE	STRUCTURE	FLOOD LEVEL
8000	Air Valve	11.90
8817	Air Valve	11.88
9615	Air Valve	11.84
10371	Air Valve	11.68
10809	Air Valve	11.58
11490	Air Valve	11.44
11706	Air Valve	11.39
12120	Air Valve	11.31
14101	Air Valve	10.88
14618	Air Valve	10.77
15400	Air Valve	10.61
15750	Air Valve	10.53
16525	Air Valve	10.37
17100	Air Valve	10.25
17825	Air Valve	10.09
18670	Air Valve	9.92
18845	Air Valve	9.88
19399	Air Valve	9.76
19630	Air Valve	9.71
20200	Air Valve	9.59
20620	Air Valve	9.50
21425	Air Valve	9.33
22018	Air Valve	9.20
22238	Air Valve	9.15
23300	Air Valve	8.93
23960	Air Valve	8.79
24428	Air Valve	8.69
25026	Air Valve	8.56
25611	Air Valve	8.44
27122	Air Valve	8.12
27850	Air Valve	7.96
29185	Air Valve	7.68
29255	Air Valve	7.66
29856	Air Valve	7.54
30448	Air Valve	7.41
31200	Air Valve	7.25
32000	Air Valve	7.08
32500	Air Valve	6.97
33035	Air Valve	6.86
33980	Air Valve	6.66
35200	Air Valve	6.40
35860	Air Valve	6.26
36408	Air Valve	6.14
37200	Air Valve	5.97
37962	Air Valve	5.81
38400	Air Valve	7.8
39200	Air Valve	7.8
40000	Air Valve	7.8
41264	Air Valve	7.8
41850	Air Valve	7.8

CHAINAGE	STRUCTURE	FLOOD LEVEL
43000	Air Valve	7.8
43768	Air Valve	7.8
44550	Air Valve	7.8
46403	Air Valve	7.8
46800	Air Valve	7.8
48190	Air Valve	7.8
4860	Air Valve	7.8
49816	Air Valve	7.8
51400	Air Valve	7.8
52200	Air Valve	7.8
53000	Air Valve	7.8
53800	Air Valve	7.8
54521	Air Valve	7.8
55273	Air Valve	7.8
55850	Air Valve	7.8
56216	Air Valve	7.8
56826	Air Valve	7.8
57230	Air Valve	7.8
59882	Air Valve	7.8
60709	Air Valve	7.8
61500	Air Valve	7.8
62300	Air Valve	7.8
63800	Air Valve	7.8
64600	Air Valve	7.8
65083	Air Valve	7.8
65598	Air Valve	7.8
65654	Air Valve	7.8
68915	Air Valve	7.8
70192	Air Valve	7.8
71700	Air Valve	7.8
72705	Air Valve	7.8
74527	Air Valve	7.8
75100	Air Valve	7.8

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



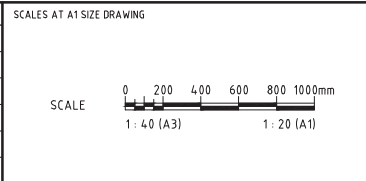
**SDA approval: AP2022/018**

**SCHEDULE OF AIR VALVES IN FLOOD PRONE AREAS**

**NOT FOR CONSTRUCTION**

150 mm ON ORIGINAL  
A1  
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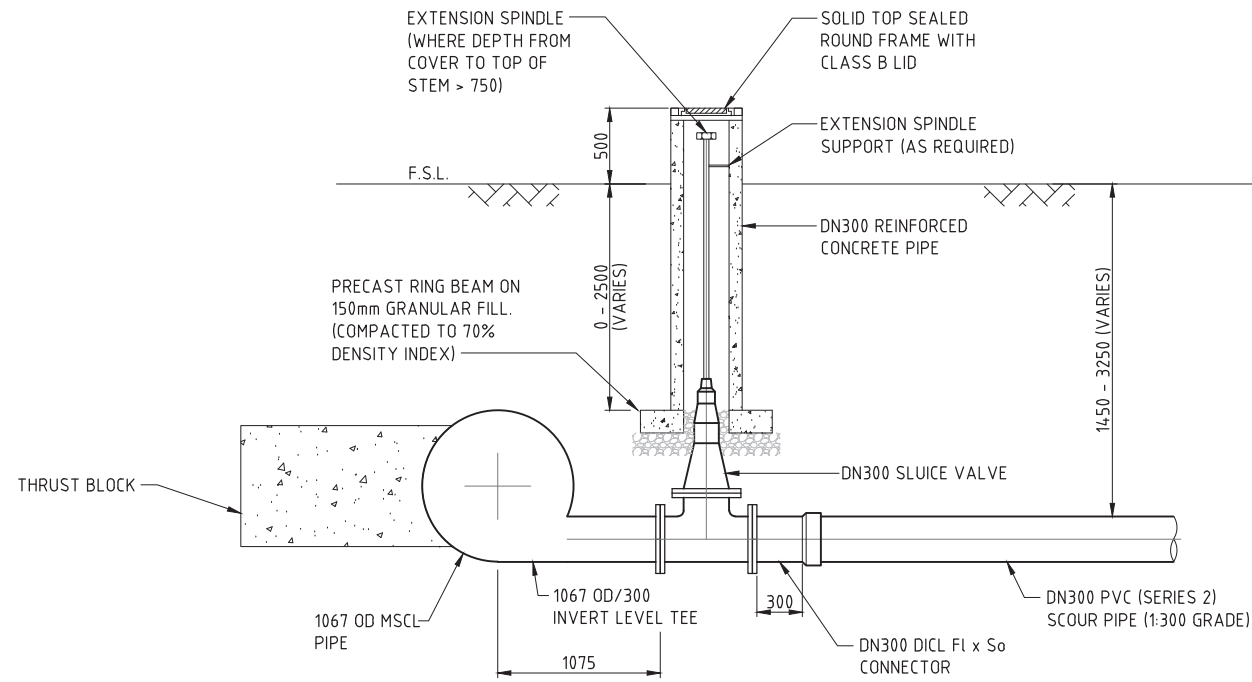
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	WVR No. 006 006	APPROVAL MSL MSL	TITLE DRAFTER DRAFTING CHECK DESIGNER DESIGN CHECK PROJECT MANAGER PROJECT DIRECTOR
			NAME SUCHITH.R J.HAYDON M.SERRANO LOPEZ J.WAGENAAR M.SERRANO LOPEZ A.ZANETTI



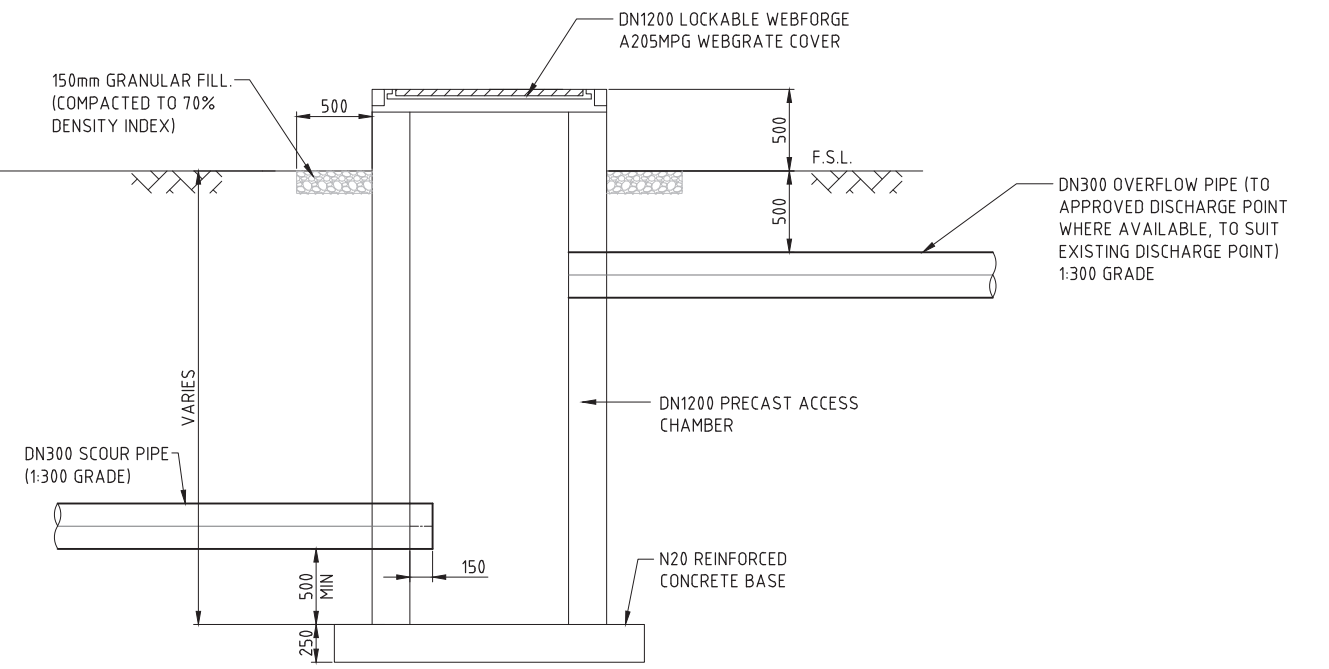
DESIGNER  
**SMEC**  
Member of the Surlana Jurong Group  
© ABN 47 065 475 149  
LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT NO 30032687

CLIENT  
**Gladstone Area Water Board**

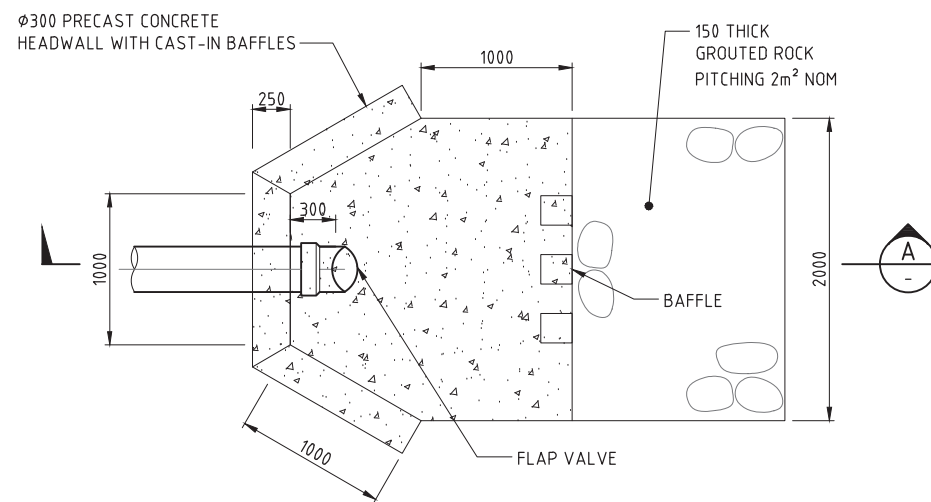
PROJECT TITLE GLADSTONE - FITZROY PIPELINE PROJECT 30GLA - PIPELINE STANDARD DRAWINGS TYPICAL DETAILS AIR RELIEF & SURGE PROTECTION			
SCALE 1:20	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-34000-C-0207	REVISION B



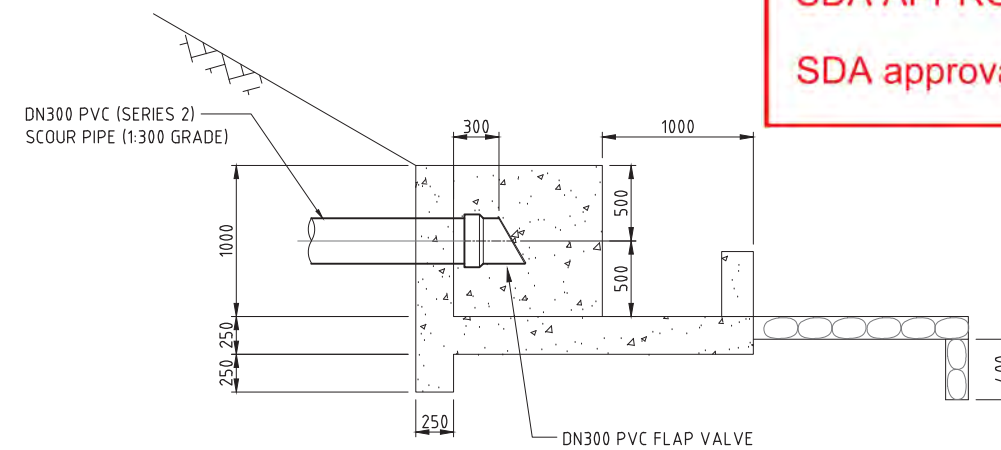
SCOUR CONNECTION DETAIL



DISCHARGE OUTLET - PUMP OUT PIT  
(AS REQUIRED)



PLAN




SECTION A

DISCHARGE OUTLET - APPROVED DISCHARGE POINT

PLANS AND DOCUMENTS referred to in the SDA APPROVAL

SDA approval: AP2022/018



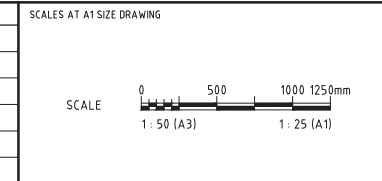
- NOTES:
- FOR STANDARD NOTES REFER DRAWING 30032656-DWG-24000-C-0200.
  - FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112.

NOT FOR CONSTRUCTION

150 mm ON ORIGINAL

DRAWING FILE LOCATION / NAME V:\Vault\Projects\3003\30032687\GFP-OE Project\110_CADD\CAD\DWG\01 30 GL\34000 PIPELINE TYPICAL & STANDARD DETAILS\30032687-DWG-34000-C-0208.dwg	PLOT DATE 14 Jan 2022	TIME 16:58:19
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EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
x_30032656_SMEC_A1	A	20.08.21	30% CONCEPT DESIGN	006	MSL	DRAFTER	SUCHITHR
	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL	DRAFTING CHECK	J.HAYDON
						DESIGNER	M.SERRANO LOPEZ
						DESIGN CHECK	J.WAGENAAR
						PROJECT MANAGER	M.SERRANO LOPEZ
						PROJECT DIRECTOR	A.ZANETTI



DESIGNER



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© ABN 47 065 475 149

LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

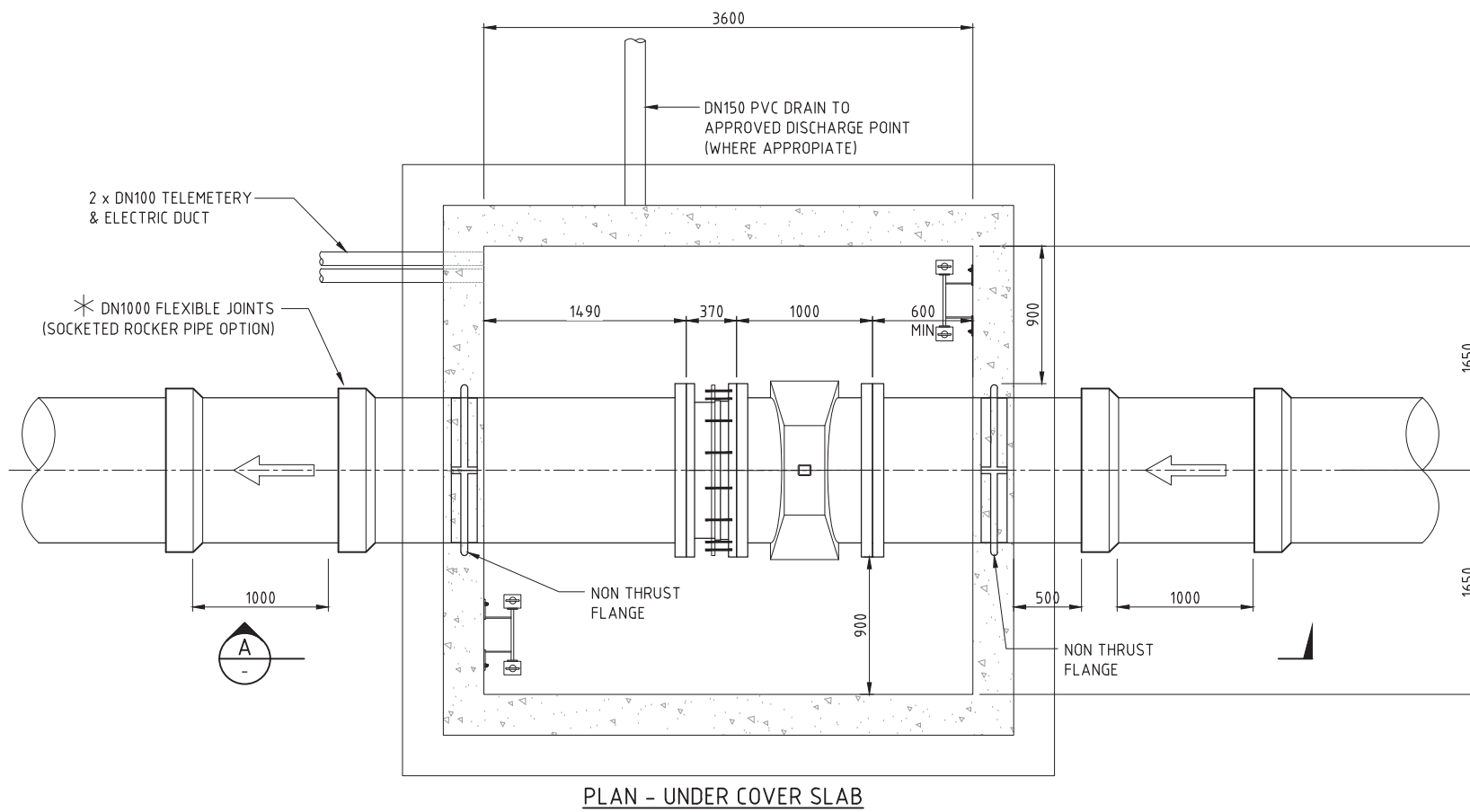
CLIENT



Gladstone Area Water Board

PROJECT TITLE GLADSTONE - FITZROY PIPELINE PROJECT 30GLA - PIPELINE STANDARD DRAWINGS TYPICAL DETAILS SCOUR CONNECTION & DISCHARGE OUTLETS	SCALE 1:25	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-34000-C-0208	REVISION B
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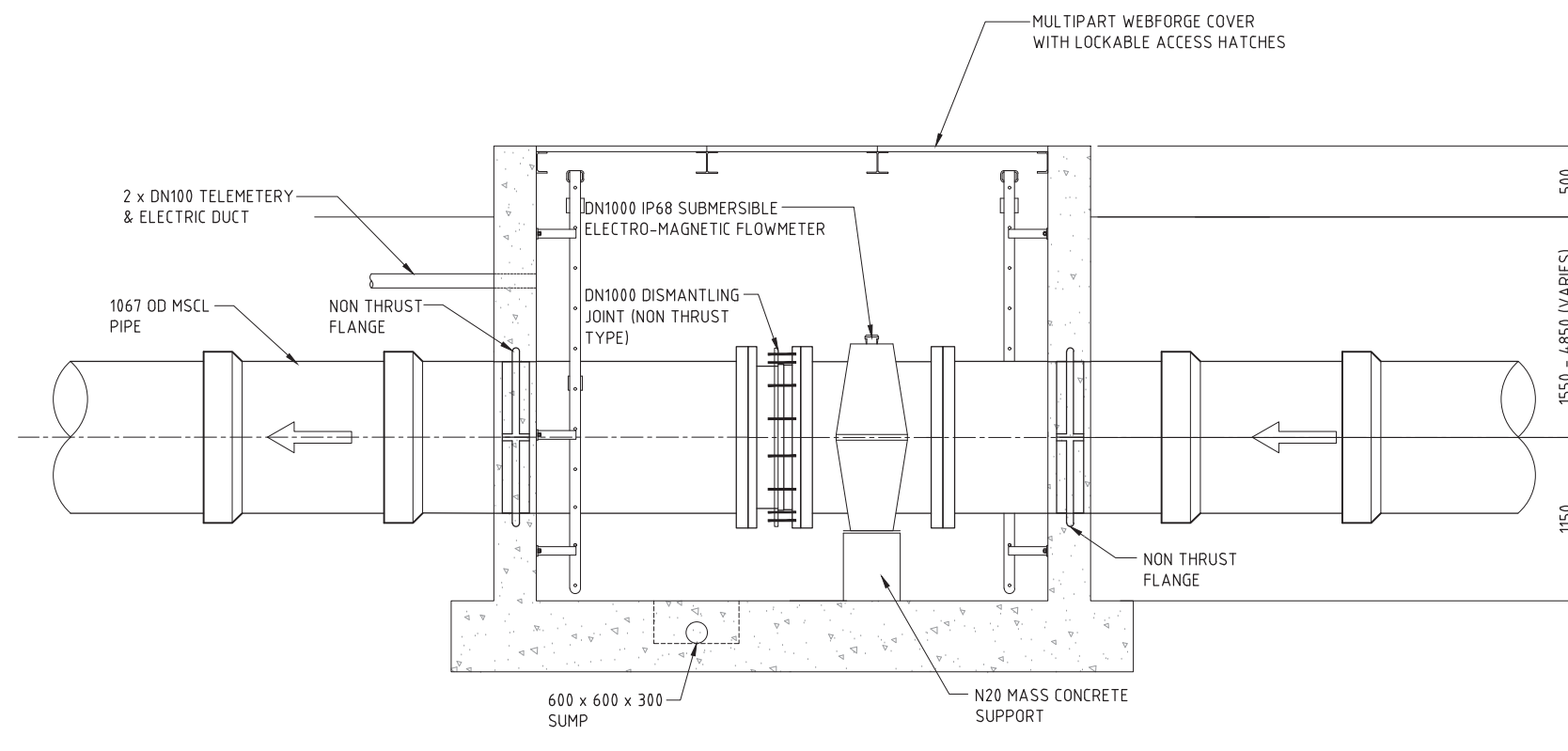


PLAN - UNDER COVER SLAB

- NOTES:**
- FOR STANDARD NOTES REFER DRAWING 30032656-DWG-24000-C-0200
  - CLEARANCE FOR FLOWMETER AS FOLLOWS - 10 x DIAMETER UPSTREAM  
5 x DIAMETER DOWNSTREAM
  - FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

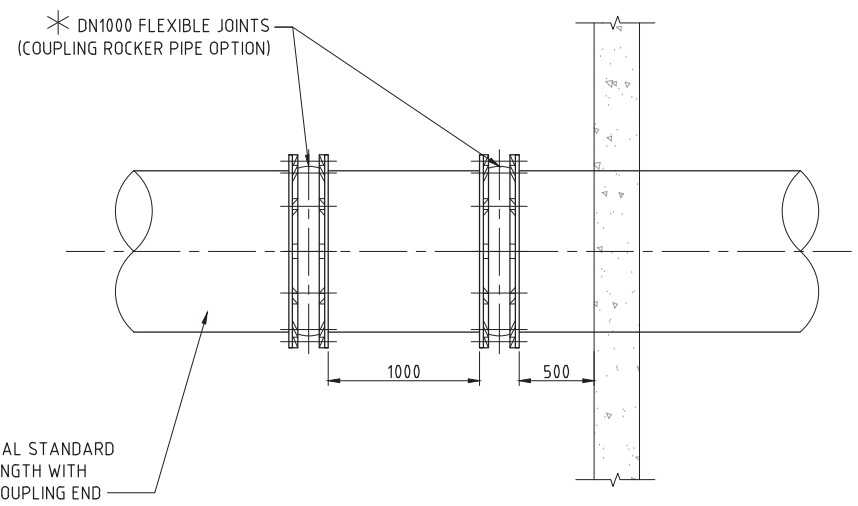
**PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL**

SDA approval: AP2022/018



SECTION **A**  
**FLOWMETER CHAMBER**

\* FOR TRENCH TYPES A & B USE SOCKETED ROCKER PIPE ARRANGEMENT. FOR TRENCH TYPE L & H USE COUPLING ROCKER PIPE ARRANGEMENT.

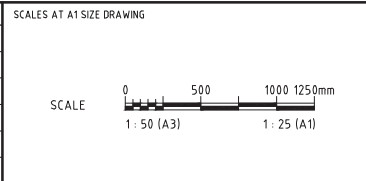


**ALTERNATIVE FLEXIBLE JOINT  
ARRANGEMENT**

**NOT FOR CONSTRUCTION**

150 mm ON ORIGINAL

DRAWING FILE LOCATION / NAME V:\Vault\Projects\3003\30032687\GFP-OE Project\110_CADD\CAD\DWG\01 30 GL\34000 PIPELINE TYPICAL & STANDARD DETAILS\30032687-DWG-34000-C-0209.dwg		PLOT DATE 16 Jan 2022		TIME 16:58:20	
EXTERNAL REFERENCE FILES					
X_34000_FLOW_MET_PIT_PLAN	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
X_34000_FLOW_MET_PIT_ELEV	A	20.08.21	30% CONCEPT DESIGN	006	MSL
X_30032656_SMEC_A1	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL
			TITLE	NAME	
			DRAFTER	SUCHITH R	
			DRAFTING CHECK	J.HAYDON	
			DESIGNER	M.SERRANO LOPEZ	
			DESIGN CHECK	J.WAGENAAR	
			PROJECT MANAGER	M.SERRANO LOPEZ	
			PROJECT DIRECTOR	A.ZANETTI	



DESIGNER

Member of the Surlana Jurong Group  
© ABN 47 065 475 149

LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

CLIENT


PROJECT TITLE GLADSTONE - FITZROY PIPELINE PROJECT 30GLA - PIPELINE STANDARD DRAWINGS TYPICAL DETAILS FLOWMETER CHAMBER			
SCALE 1:25	PHASE CONCEPT DESIGN	PROJECT / DRAWING No 30032687-DWG-34000-C-0209	REVISION B



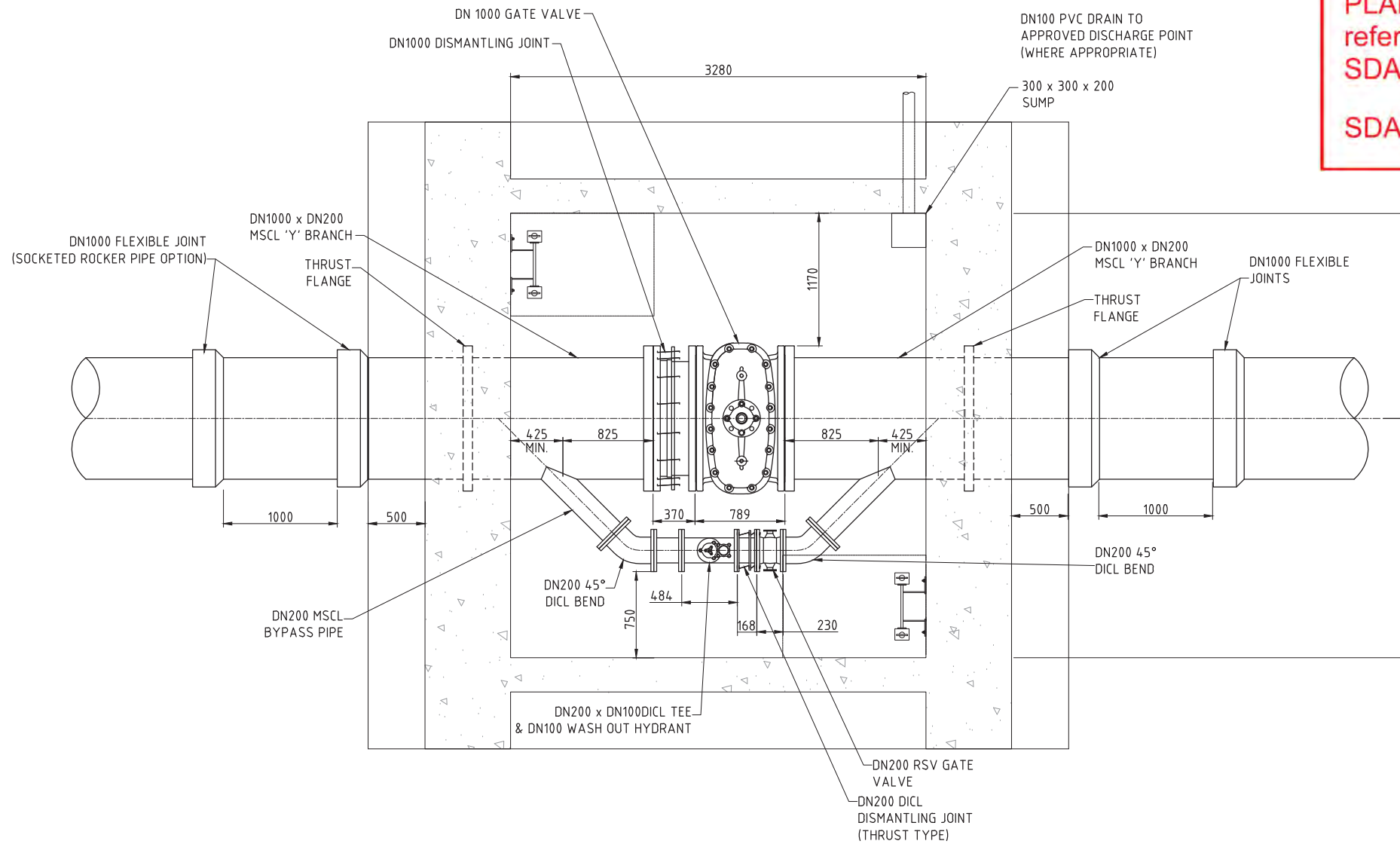
**NOTES:**

- FOR STANDARD NOTES REFER DRAWING 08164-DWG-24000-C-0200
- FOR SMEC'S DISCLAIMER REFER DRAWING 30032687-DWG-32000-G-0112

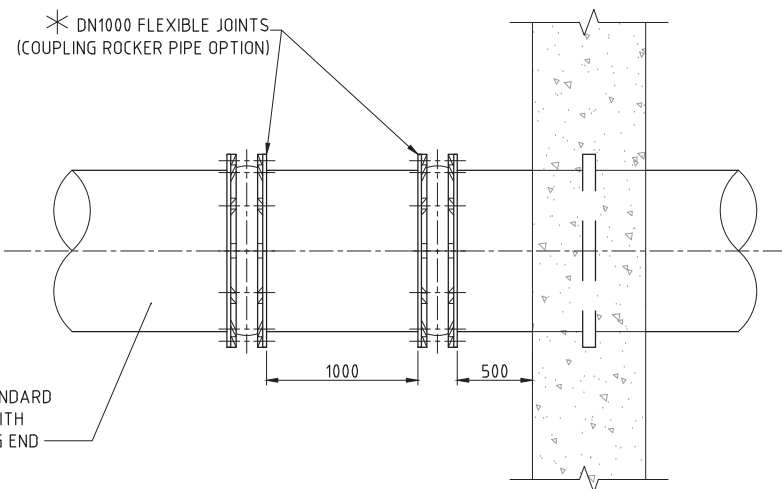
**PLANS AND DOCUMENTS**  
referred to in the  
**SDA APPROVAL**



**SDA approval: AP2022/018**



PLAN



ALTERNATIVE FLEXIBLE JOINT  
ARRANGEMENT

**ISOLATION VALVE CHAMBER - GATE VALVE  
(WITH BYPASS)**

**NOT FOR CONSTRUCTION**

DRAWING FILE LOCATION / NAME V:\Vault\Projects\3003\30032687\GFP-OE Project\110_CADD\CAD\DWG\01 30 GL\34000 PIPELINE TYPICAL & STANDARD DETAILS\30032687-DWG-34000-C-0211.dwg		PLOT DATE 09 Jan 2022		TIME 12:38:52	
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	A	20.08.21	30% CONCEPT DESIGN	006	MSL
	B	14.01.22	CONCEPT DESIGN-ECI PHASE	006	MSL

TITLE	NAME
DRAFTER	SUCHITH R
DRAFTING CHECK	J.HAYDON
DESIGNER	M.SERRANO LOPEZ
DESIGN CHECK	J.WAGENAAR
PROJECT MANAGER	M.SERRANO LOPEZ
PROJECT DIRECTOR	A.ZANETTI

SCALES AT A1 SIZE DRAWING
SCALE G 0 500 1000 1250mm 1: 50 (A3) 1: 25 (A1)

DESIGNER



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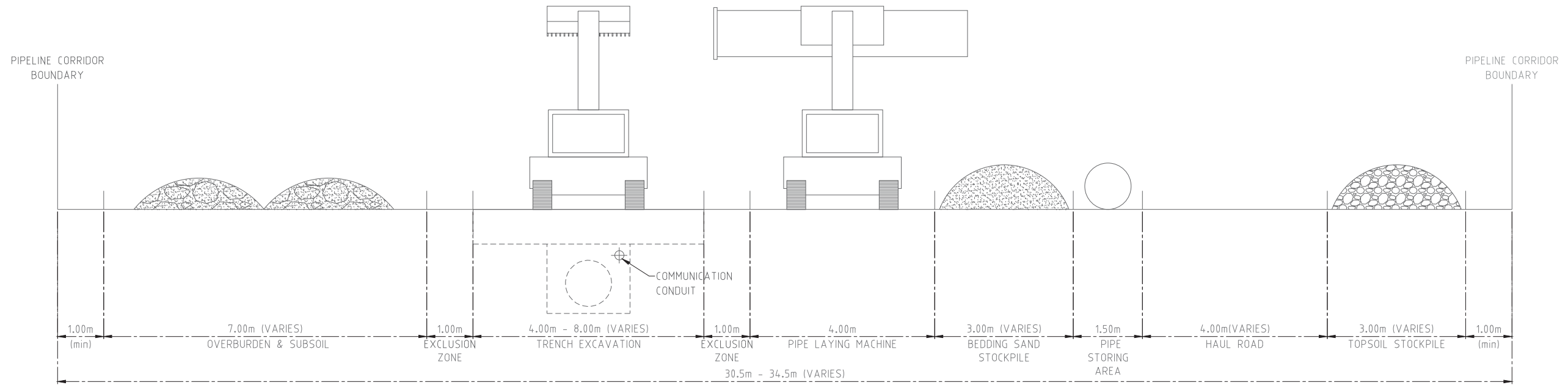
LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

CLIENT



PROJECT TITLE GLADSTONE - FITZROY PIPELINE PROJECT 30GLA - PIPELINE STANDARD DRAWINGS TYPICAL DETAILS ISOLATION VALVE CHAMBER			
SCALE 1:25	PHASE CONCEPT DESIGN	PROJECT / DRAWING No 30032687-DWG-34000-C-0211	REVISION B

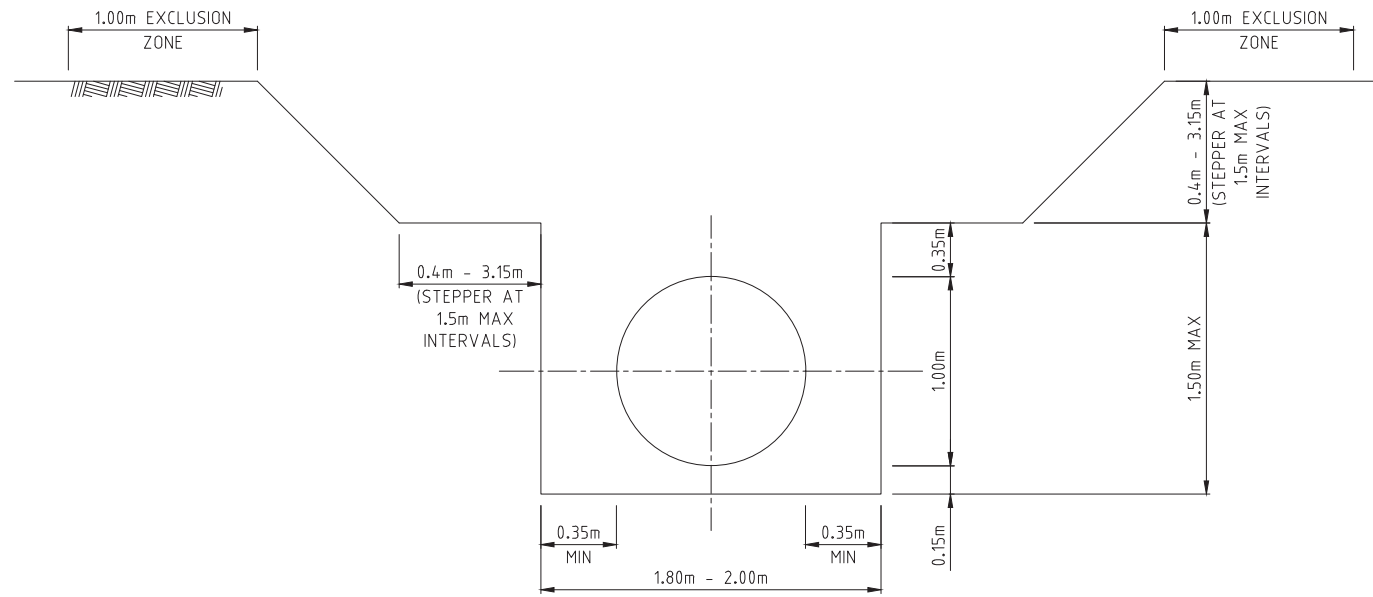
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A1  
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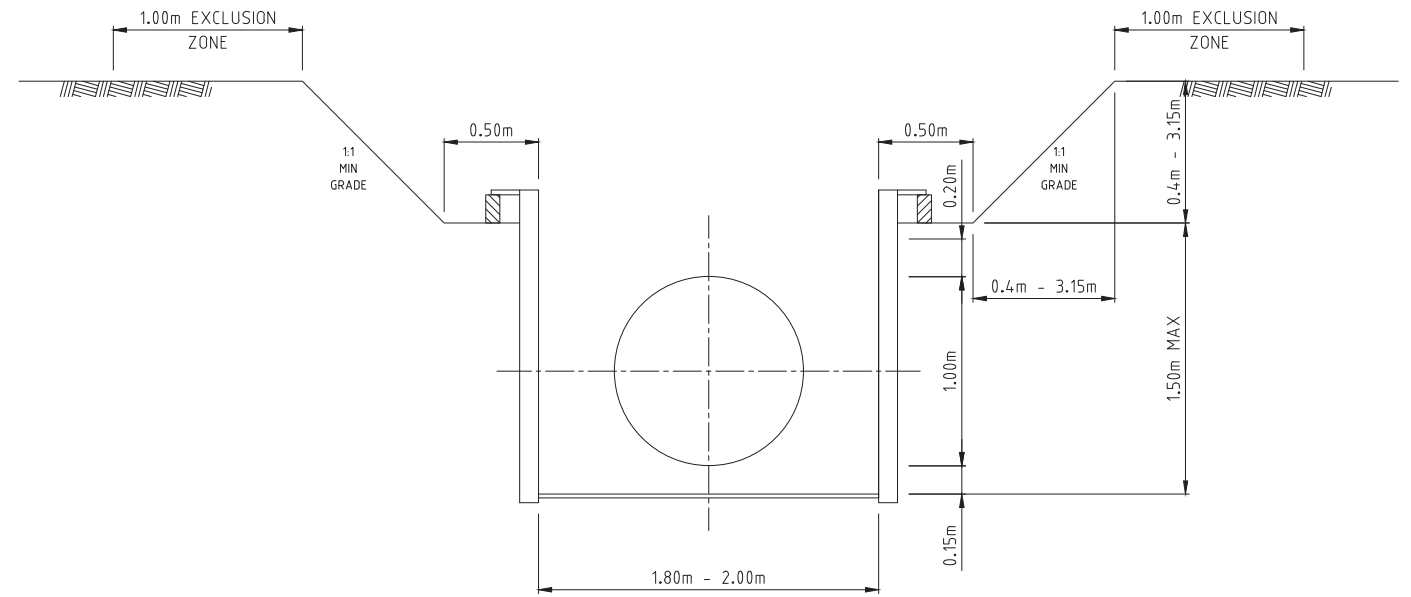
TYPICAL SECTION - CONSTRUCTION CORRIDOR  
(WIDTH VARIABLE - SUBJECT TO LANDOWNER & D.O.J. APPROVAL)  
N.T.S.

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

**SDA approval: AP2022/018**



TYPICAL STANDARD TRENCH SUPPORT DETAIL  
(0.75 - 3.5m COVER (COHESIVE GROUND))  
SCALE H

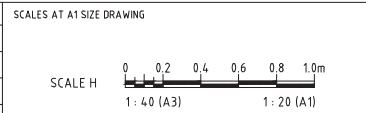


TYPICAL STANDARD TRENCH SUPPORT DETAIL  
(0.75 - 2.5m COVER (NON-COHESIVE GROUND))  
SCALE H

**NOT FOR CONSTRUCTION**

150 mm ON ORIGINAL  
A1

DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-OE Project\110_CADD\CAD\DWG\01 30 GL\34000 PIPELINE TYPICAL & STANDARD DETAILS\30032687-DWG-34000-C-0222.dwg		3 Aug 2022	10:02:45
EXTERNAL REFERENCE FILES x_30032687_SMEC_A1	REV A	DATE 23.08.22	AMENDMENT / REVISION DESCRIPTION 30% CONCEPT DESIGN
WVR No.	APPROVAL	TITLE	NAME
		DRAFTER	SUCHITH.R
		DRAFTING CHECK	C.BOU
		DESIGNER	M.SERRANO LOPEZ
		DESIGN CHECK	J.WAGENAAR
		PROJECT MANAGER	M.SERRANO LOPEZ
		PROJECT DIRECTOR	D.TAYLOR



DESIGNER

Member of the Surbana Jurong Group  
© ABN 47 065 475 149

LEVEL 6, 480 ST PAULS TERRACE  
FORTITUDE VALLEY QLD 4006  
SMEC PROJECT No 30032687

CLIENT


Gladstone Area Water Board

PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - PIPELINE STANDARD DRAWINGS TYPICAL DETAILS TYPICAL PIPELINE CONSTRUCTION DETAILS			
SCALE 1:20	PHASE CONCEPT DESIGN	PROJECT / DRAWING No 30032687-DWG-34000-C-0222	REVISION A

DRAWING INDEX	
DRAWING NO.	TITLE
<b>34300 - ALDOGA TO MT MILLER PIPELINE</b>	
30032687-DWG-34300-G-8000	COVER SHEET
30032687-DWG-34300-C-8001	KEY PLAN
30032687-DWG-34300-C-8015	LAYOUT PLAN CH109895.963 TO CH111500 SHEET 1
30032687-DWG-34300-C-8016	LAYOUT PLAN CH111500 TO CH115500 SHEET 2
30032687-DWG-34300-C-8017	LAYOUT PLAN CH115500 TO CH117408.460 SHEET 3
30032687-DWG-34300-C-8040	PLAN AND LONGITUDINAL SECTION GENERAL NOTES & LEGEND
30032687-DWG-34300-M-8301	CONNECTION VALVE PIT
30032687-DWG-34300-U-8150	PLAN AND LONGITUDINAL SECTION MT LARCOM ROAD / YARWUN RAIL CROSSING
30032687-DWG-34300-U-8151	PLAN AND LONGITUDINAL SECTION MT LARCOM GLADSTONE ROAD CROSSING
30032687-DWG-34300-U-8152	PLAN AND LONGITUDINAL SECTION MT LARCOM GLADSTONE ROAD CROSSING/ TARGINE ROAD CROSSING
30032687-DWG-34300-U-8153	PLAN AND LONGITUDINAL SECTION RTA COAL CONVEYOR CROSSING
30032687-DWG-34300-L-8600	MT MILLER PIPELINE CONNECTION DETAIL PIPING PLAN
<b>35000 - ALDOGA RESERVOIR</b>	
30032687-DWG-35000-G-7000	GENERAL COVER SHEET
30032687-DWG-35000-P-7006	P & ID
30032687-DWG-35000-C-7010	LOCALITY PLAN
30032687-DWG-35000-C-7011	OVERALL LAYOUT PLAN
30032687-DWG-35000-C-7013	LAYOUT PLAN RESERVOIR AREA
30032687-DWG-35000-L-7600	SETOUT PLAN PIPING
30032687-DWG-35000-U-7090	JOHN'S HILL GEOPHYSICAL SURVEY GEOTECHNICAL LAYOUT PLAN & SECTION
30032687-DWG-35000-U-7091	GEOTECHNICAL INVESTIGATION LAYOUT PLAN
30032687-DWG-35000-U-7092	GEOTECHNICAL DRAWING GEOPHYSICAL SECTIONS
30032687-DWG-35000-E-7400	ELECTRICAL SITE LAYOUT
30032687-DWG-35000-E-7405	ELECTRICAL SINGLE LINE DIAGRAM SHEET 1
30032687-DWG-35000-J-7500	CONTROL SYSTEM NETWORK DIAGRAM
<b>36100 - INTAKE PUMP STATION</b>	
30032687-DWG-36100-G-1000	GENERAL COVER SHEET
30032687-DWG-36100-P-1006	PROCESS & INSTRUMENTATION DIAGRAM
30032687-DWG-36100-C-1010	LOCALITY PLAN
30032687-DWG-36100-C-1011	OVERALL LAYOUT PLAN
30032687-DWG-36100-C-1012	LAYOUT PLAN
30032687-DWG-36100-C-1024	PLAN AND LONGITUDINAL SECTION GENERAL NOTES AND LEGEND GENERAL NOTES & LEGEND
30032687-DWG-36100-M-1301	PUMPWELL GENERAL ARRANGEMENT PLAN
30032687-DWG-36100-M-1302	PUMPWELL GENERAL ARRANGEMENT SECTIONS
30032687-DWG-36100-U-1090	GEOTECHNICAL LAYOUT PLAN
30032687-DWG-36100-U-1091	GEOTECHNICAL SECTIONS
30032687-DWG-36100-E-1400	HV POWER SUPPLY PROTECTION AND METERING SINGLE LINE DIAGRAM
30032687-DWG-36100-E-1405	MAIN SWITCHBOARD LV SINGLE LINE DIAGRAM SHEET 1
30032687-DWG-36100-E-1406	MAIN SWITCHBOARD LV SINGLE LINE DIAGRAM SHEET 2
30032687-DWG-36100-E-1425	ELECTRICAL SITE LAYOUT
30032687-DWG-36100-E-1426	IT-S1 22kV SWITCHBOARD TYPICAL PLC TIER GENERAL ARRANGEMENT
30032687-DWG-36100-E-1440	HV SWITCHROOM LAYOUT DRAWING
30032687-DWG-36100-E-1455	LV CONDUIT AND CABLE TRAY ROUTE CONTROL BUILDING GENERAL ARRANGEMENT
30032687-DWG-36100-E-1470	EARTHING LAYOUT EARTH GRID DESIGN
30032687-DWG-36100-E-1471	EARTHING LAYOUT EARTH BAR AND CONNECTION DETAILS
30032687-DWG-36100-J-1500	CONTROL SYSTEM NETWORK DIAGRAM
<b>36200 - ALTON DOWNS PUMP STATION &amp; RESERVOIR</b>	
30032687-DWG-36200-G-3000	GENERAL COVER SHEET
30032687-DWG-36200-P-3005	PROCESS & INSTRUMENTATION DIAGRAM SHEET 1
30032687-DWG-36200-P-3006	PROCESS & INSTRUMENTATION DIAGRAM SHEET 2
30032687-DWG-36200-P-3007	PROCESS & INSTRUMENTATION DIAGRAM SHEET 3
30032687-DWG-36200-C-3010	LOCALITY PLAN
30032687-DWG-36200-M-3355	PIPELINE ARRANGEMENT PLAN
30032687-DWG-36200-M-3356	MECHANICAL - IN BUILDING PIPELINE SECTIONS
30032687-DWG-36200-E-3400	HV POWER SUPPLY PROTECTION AND METERING SINGLE LINE DIAGRAM
30032687-DWG-36200-E-3401	ELECTRICAL OVERALL SITE LAYOUT
30032687-DWG-36200-E-3409	ALTON DOWNS OVERALL SINGLE LINE DIAGRAM OVERVIEW
30032687-DWG-36200-E-3440	PUMP STATION BUILDING HV SWITCHROOM LAYOUT
30032687-DWG-36200-E-3460	SLUDGE DEWATERING BUILDING TRANSFORMER BAY LAYOUT
30032687-DWG-36200-E-3470	PUMP STATION BUILDING EARTHING LAYOUT
30032687-DWG-36200-E-3472	SLUDGE DEWATERING BUILDING EARTHING LAYOUT
30032687-DWG-36200-L-3600	PIPELINE SECTIONS SHEET 1
30032687-DWG-36200-L-3601	PIPELINE SECTIONS SHEET 2

DRAWING INDEX	
DRAWING NO.	TITLE
<b>36300 - RAGLAN PUMP STATION</b>	
30032687-DWG-36300-G-5000	GENERAL COVER SHEET
30032687-DWG-36300-P-5004	PROCESS & INSTRUMENTATION DIAGRAM SHEET 1
30032687-DWG-36300-P-5005	PROCESS & INSTRUMENTATION DIAGRAM SHEET 2
30032687-DWG-36300-P-5006	PROCESS & INSTRUMENTATION DIAGRAM SHEET 3
30032687-DWG-36300-P-5007	PROCESS & INSTRUMENTATION DIAGRAM SHEET 4
30032687-DWG-36300-P-5008	PROCESS & INSTRUMENTATION DIAGRAM SHEET 5
30032687-DWG-36300-P-5009	PROCESS & INSTRUMENTATION DIAGRAM SHEET 6
30032687-DWG-36300-C-5010	LOCALITY PLAN
30032687-DWG-36300-C-5011	OVERALL LAYOUT PLAN
30032687-DWG-36300-C-5012	LAYOUT PLAN
30032687-DWG-36300-C-5035	SERVICES
30032687-DWG-36300-L-5600	PIPING GENERAL ARRANGEMENT OVERALL LAYOUT PLAN
30032687-DWG-36300-U-5090	GEOTECHNICAL LAYOUT PLAN
30032687-DWG-36300-U-5091	GEOTECHNICAL LONGITUDINAL SECTION
30032687-DWG-36300-M-5355	MECHANICAL - IN BUILDING PIPELINE ARRANGEMENT PLAN
30032687-DWG-36300-M-5356	MECHANICAL - IN BUILDING PIPELINE SECTIONS
30032687-DWG-36300-E-5400	HV POWER SUPPLY PROTECTION AND METERING SINGLE LINE DIAGRAM
30032687-DWG-36300-E-5405	MAIN SWITCHBOARD LV SINGLE LINE DIAGRAM SHEET 1
30032687-DWG-36300-E-5406	MAIN SWITCHBOARD LV SINGLE LINE DIAGRAM SHEET 2
30032687-DWG-36300-E-5407	MAIN SWITCHBOARD LV SINGLE LINE DIAGRAM SHEET 3
30032687-DWG-36300-E-5440	HV SWITCHROOM LAYOUT DRAWING
30032687-DWG-36300-E-5460	ELECTRICAL SITE LAYOUT
30032687-DWG-36300-E-5470	EARTHING LAYOUT EARTH GRID DESIGN
30032687-DWG-36300-J-5500	CONTROL SYSTEM NETWORK DIAGRAM

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



**SDA approval: AP2022/018**

**DISCLAIMER**

A TOTAL OF 1,952 DRAWINGS HAVE BEEN PROVIDED AS PART OF GAWB'S DOCUMENTATION SHARED 'GLADSTONE FITZROY PROJECT - SHARE FOLDER' ON 15 JUNE 2021. A CLOUGH DIVERSIFIED UNITED JOINT VENTURE (CDUVJ) IN AN EARLY CONTRACTOR INVOLVEMENT (ECI) STYLE CONTRACT DEVELOPED A DETAILED DESIGN, INCLUDING DRAWINGS, AND PROVIDED CONSTRUCTABILITY INPUT FOR THE GLADSTONE TO FITZROY PIPELINE PROJECT.

THE 1,952 DRAWINGS PROVIDED INCLUDED ALL DISCIPLINES IN ALL AREAS THAT WERE COVERED DURING THE DETAILED DESIGN PHASE. DUE TO THE LARGE AMOUNT OF DRAWINGS, SMEC HAS ONLY REVIEWED SPECIFIC ITEMS. THE DRAWINGS PRODUCED BY SMEC ARE BASED ON THE CDUVJ DRAWINGS. THE CONFIDENCE LEVEL, CONSIDERED TO BE MOST APPROPRIATE FOR CONCEPT DESIGN PURPOSES, WILL VARY DEPENDING ON THE CONSERVATISM OF THE USER AND THE NATURE OF THE DISCIPLINE.

150 mm ON ORIGINAL

150  
140  
130  
120  
110  
100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
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DRAWING FILE LOCATION / NAME V:\_Vault\Projects\3003\30032687\GFP-DE Project\110_CADD\CAD\DWG\01 30 GL\32000 OVERALL SITE LAYOUTS\30032687-DWG-32000-G-0112.dwg		PLOT DATE 21 Nov 2022		TIME 17:39:38	
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					TITLE DRAFTER DRAFTING CHECK DESIGNER DESIGN CHECK PROJECT MANAGER PROJECT DIRECTOR
					NAME SUCHITH.R C.BOU M.SERRANO LOPEZ J.WAGENAAR M.SERRANO LOPEZ D.TAYLOR

SCALES AT A1 SIZE DRAWING
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DESIGNER



Member of the Surlbana Jurong Group  
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 SMEC PROJECT No 30032687

CLIENT



Gladstone Area Water Board

PROJECT TITLE FITZROY TO GLADSTONE PIPELINE PROJECT 30GLA - ENTIRE SITE <b>OVERALL DRAWING INDEX SHEET 2</b>			
SCALE N.T.S.	PHASE CONCEPT DESIGN	PROJECT / DRAWING No. 30032687-DWG-32000-G-0112	REVISION B

**NOT FOR CONSTRUCTION**





# Fitzroy to Gladstone Pipeline Project

## Planning Report for Material Change of Use – FGP SGIC SDA Alignment

Gladstone Area Water Board

13 January 2023

PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL



SDA approval: AP2022/018

# Special Area Plan – Yellow chat habitat within the Stanwell-Gladstone Infrastructure Corridor State Development Area

## Fitzroy to Gladstone Pipeline Project

Gladstone Area Water Board (GAWB)

June 2023

PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL



SDA approval: AP2022/018

# BASE/



# Special Area Plan – Trenchless Waterway Crossings within the Stanwell-Gladstone Infrastructure Corridor State Development Area

## Fitzroy to Gladstone Pipeline Project

Gladstone Area Water Board (GAWB)

June 2023

PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL



SDA approval: AP2022/018

# BASE/

BASE/





# Special Area Plan – Ornamental Snake and Brigalow habitat within the Stanwell-Gladstone Infrastructure Corridor State Development Area

## Fitzroy to Gladstone Pipeline Project

Gladstone Area Water Board (GAWB)

June 2023

PLANS AND DOCUMENTS  
referred to in the  
SDA APPROVAL



SDA approval: AP2022/018

**BASE/**



# 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: AP2022/018**

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Gladstone Area Water Board

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