

DOCUMENT TRANSMITTAL SCHEDULE

To: City of Gold Coast Council

Address : PO Box 5042
GCMC 9726

Attention: Development Assessment

PROJECT: OPERATIONAL WORKS APPLICATION FOR CIVIL WORKS
STAGE 1 VANTAGE YATALA (INDUSTRIAL DEVELOPMENT) Job No: 5941

The documents listed below are issued for your use as indicated in the "Issued for" section.

All revisions supersede any revision of the same document.

DATE OF ISSUE	Day	28	12	27	30	05	21	24	26	24	07	31	10
	Month	10	03	04	04	05	05	05	05	06	07	08	09
	Year	20	21	21	21	21	21	21	21	21	21	21	21

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I - Information				O - Other							

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EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP
P Print				CP -CAD&PDF							
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Drg/Doc No.	Title												
5941 ENG OPW1 001	DRAWING INDEX AND LOCALITY PLAN	F	G	H	-	-	-	-	-	-	H	I	J
5941 ENG OPW1 002	GENERAL NOTES SHEET 1 OF 3	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 003	GENERAL NOTES SHEET 2 OF 3	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 003	GENERAL NOTES SHEET 3 OF 3	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 005	LEGEND	B	C	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 006	KEY PLAN LAYOUT	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 010	EXISTING SURFACE AND FEATURE PLAN	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 020	EMERI STREET DEMOLITION AND PROTECTION LAYOUT PLAN	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 050	SEDIMENT AND EROSION CONTROL PLAN SHEET 1 OF 6	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 051	SEDIMENT AND EROSION CONTROL PLAN SHEET 2 OF 6	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 052	SEDIMENT AND EROSION CONTROL PLAN SHEET 3 OF 6	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 053	SEDIMENT AND EROSION CONTROL PLAN SHEET 4 OF 6	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 054	SEDIMENT AND EROSION CONTROL PLAN SHEET 5 OF 6	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 055	SEDIMENT AND EROSION CONTROL PLAN SHEET 6 OF 6	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 056	CONSTRUCTION PHASE SEDIMENT BASIN 1 LAYOUT	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 057	CONSTRUCTION PHASE SEDIMENT BASIN 1 SECTIONS	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 058	CONSTRUCTION PHASE SEDIMENT BASIN 2 LAYOUT	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 059	CONSTRUCTION PHASE SEDIMENT BASIN 2 SECTIONS	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 060	SEDIMENT AND EROSION TYPICAL DETAILS	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 300	OVERALL SERVICES LAYOUT PLAN SHEET 1 OF 4	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 301	OVERALL SERVICES LAYOUT PLAN SHEET 2 OF 4	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 302	OVERALL SERVICES LAYOUT PLAN SHEET 3 OF 4	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 303	OVERALL SERVICES LAYOUT PLAN SHEET 4 OF 4	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 400	ROADWORKS AND DRAINAGE LAYOUT PLAN SHEET 1 OF 4	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 401	ROADWORKS AND DRAINAGE LAYOUT PLAN SHEET 2 OF 4	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 402	ROADWORKS AND DRAINAGE LAYOUT PLAN SHEET 3 OF 4	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 403	ROADWORKS AND DRAINAGE LAYOUT PLAN SHEET 4 OF 4	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 410	TYPICAL SECTIONS AND DETAILS SHEET 1 OF 3	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 411	TYPICAL SECTIONS AND DETAILS SHEET 2 OF 3	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 412	TYPICAL SECTIONS AND DETAILS SHEET 3 OF 3	B	-	-	C	-	-	-	-	-	-	-	-
5941 ENG OPW1 420	CONTROL LINE LAYOUT PLAN	C	D	E	-	-	-	-	-	-	E	-	-
5941 ENG OPW1 421	ROAD CONTROL LINE SETOUT TABLES SHEET 1 OF 2	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 422	ROAD CONTROL LINE SETOUT TABLES SHEET 2 OF 2	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 430	ROAD LONGITUDINAL SECTION - HOMESTEAD DRIVE SHEET 1 OF 3	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 431	ROAD LONGITUDINAL SECTION - HOMESTEAD DRIVE SHEET 2 OF 3	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 432	ROAD LONGITUDINAL SECTION - HOMESTEAD DRIVE SHEET 3 OF 3	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 433	ROAD LONGITUDINAL SECTION - EASTRIDGE STREET SHEET 1 OF 2	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 434	ROAD LONGITUDINAL SECTION - EASTRIDGE STREET SHEET 2 OF 2	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 435	ROAD LONGITUDINAL SECTION - FAIRWAY STREET SHEET 1 OF 2	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 436	ROAD LONGITUDINAL SECTION - FAIRWAY STREET SHEET 2 OF 2	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 437	ROAD LONGITUDINAL SECTION - EMERI STREET EXTENSION	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 450	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 1 OF 14	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 451	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 2 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 452	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 3 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 453	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 4 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 454	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 5 OF 14	C	-	-	-	-	-	-	-	-	-	-	-

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5941 ENG OPW1 455	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 6 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 456	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 7 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 457	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 8 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 458	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 9 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 459	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 10 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 460	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 11 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 461	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 12 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 462	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 13 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 463	ROAD CROSS SECTIONS - HOMESTEAD DRIVE SHEET 14 OF 14	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 464	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 1 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 465	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 2 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 466	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 3 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 467	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 4 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 468	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 5 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 469	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 6 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 470	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 7 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 471	ROAD CROSS SECTIONS - EASTRIDGE STREET SHEET 8 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 472	ROAD CROSS SECTIONS - FAIRWAY STREET SHEET 1 OF 6	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 473	ROAD CROSS SECTIONS - FAIRWAY STREET SHEET 2 OF 6	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 474	ROAD CROSS SECTIONS - FAIRWAY STREET SHEET 3 OF 6	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 475	ROAD CROSS SECTIONS - FAIRWAY STREET SHEET 4 OF 6	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 476	ROAD CROSS SECTIONS - FAIRWAY STREET SHEET 5 OF 6	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 477	ROAD CROSS SECTIONS - FAIRWAY STREET SHEET 6 OF 6	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 478	ROAD CROSS SECTIONS - EMERI STREET EXTENSION SHEET 1 OF 2	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 479	ROAD CROSS SECTIONS - EMERI STREET EXTENSION SHEET 2 OF 2	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 480	KERB ISLAND SETOUT DETAILS SHEET 1 OF 2	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 481	KERB ISLAND SETOUT DETAILS SHEET 2 OF 2	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 490	ROAD INTERSECTION DETAILS SHEET 1 OF 8	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 491	ROAD INTERSECTION DETAILS SHEET 2 OF 8	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 492	ROAD INTERSECTION DETAILS SHEET 3 OF 8	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 493	ROAD INTERSECTION DETAILS SHEET 4 OF 8	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 494	ROAD INTERSECTION DETAILS SHEET 5 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 495	ROAD INTERSECTION DETAILS SHEET 6 OF 8	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 496	ROAD INTERSECTION DETAILS SHEET 7 OF 8	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 497	ROAD INTERSECTION DETAILS SHEET 8 OF 8	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 500	STORMWATER DRAINAGE CATCHMENT PLAN	C	D	E	-	-	-	-	-	-	E	-	-
5941 ENG OPW1 510	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 1 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 511	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 2 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 512	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 3 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 513	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 4 OF 18	D	-	E	-	-	-	-	-	-	E	-	-
5941 ENG OPW1 514	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 5 OF 18	E	-	F	-	-	-	-	-	-	F	-	-
5941 ENG OPW1 515	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 6 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 516	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 7 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 517	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 8 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 518	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 9 OF 18	D	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 519	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 10 OF 18	D	-	-	-	-	-	-	-	-	-	-	-

DOCUMENT TRANSMITTAL SCHEDULE

To: City of Gold Coast Council

Address : PO Box 5042
GCMC 9726

Attention: Development Assessment

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PROJECT:

OPERATIONAL WORKS APPLICATION FOR CIVIL WORKS
STAGE 1 VANTAGE YATALA (INDUSTRIAL DEVELOPMENT)

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5941 ENG OPW1 520	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 11 OF 18	D	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 521	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 12 OF 18	E	-	F	-	-	-	-	-	-	F	-	-
5941 ENG OPW1 522	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 13 OF 18	E	-	-	-	-	-	-	-	-	F	-	-
5941 ENG OPW1 523	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 14 OF 18	E	-	F	-	-	-	-	-	-	F	-	-
5941 ENG OPW1 524	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 15 OF 18	D	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 525	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 16 OF 18	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 526	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 17 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 527	STORMWATER DRAINAGE LONGITUDINAL SECTIONS SHEET 18 OF 18	E	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 550	39% AEP STORMWATER DRAINAGE CALCULATIONS TABLES SHEET 1 OF 2	B	-	C	-	-	-	-	-	-	C	-	-
5941 ENG OPW1 551	39% AEP STORMWATER DRAINAGE CALCULATIONS TABLES SHEET 2 OF 2	B	-	C	-	-	-	-	-	-	C	-	-
5941 ENG OPW1 552	1% AEP STORMWATER DRAINAGE CALCULATIONS TABLES SHEET 1 OF 2	B	-	C	-	-	-	-	-	-	C	-	-
5941 ENG OPW1 553	1% AEP STORMWATER DRAINAGE CALCULATIONS TABLES SHEET 2 OF 2	B	-	C	-	-	-	-	-	-	C	-	-
5941 ENG OPW1 570	OPERATIONAL PHASE BIORETENTION BASIN SHEET 1 OF 2	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 571	OPERATIONAL PHASE BIORETENTION BASIN SHEET 2 OF 2	B	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 572	OPERATIONAL PHASE BIORETENTION BASIN SETOUT DETAILS	C	-	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 600	SEWER RETICULATION LAYOUT PLAN SHEET 1 OF 4	C	D	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 601	SEWER RETICULATION LAYOUT PLAN SHEET 2 OF 4	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 602	SEWER RETICULATION LAYOUT PLAN SHEET 3 OF 4	C	-	D	-	-	-	-	-	-	D	-	-
5941 ENG OPW1 603	SEWER RETICULATION LAYOUT PLAN SHEET 4 OF 4	C	-	-	-	-	-	-	-	-	-	-	-
5941-ENG-OPW1-604	250 DIA SEWER RISING MAIN LAYOUT PLAN SHEET 1 OF 4 (DELETED)	-	A	-	-	-	-	-	-	-	-	-	-
5941-ENG-OPW1-605	250 DIA SEWER RETICULATION LAYOUT PLAN SHEET 2 OF 4 (DELETED)	-	A	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 606	100 DIA SEWER RETICULATION LAYOUT PLAN SHEET 3 OF 4	-	A	-	B	C	D	-	E	E	-	-	-
5941-ENG-OPW1-607	100 DIA SEWER RETICULATION LAYOUT PLAN SHEET 4 OF 4 (DELETED)	-	A	-	B	C		-	-	-	-	-	-
5941 ENG OPW1 610	SEWER RETICULATION LONGITUDINAL SECTIONS SHEET 1 OF 11	E	F	-	-	-	-	-	-	-	-	-	-
5941 ENG OPW1 611	SEWER RETICULATION LONGITUDINAL SECTIONS SHEET 2 OF 11	D	-	-	-	-	-	-	-	-	-	-	-
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DOCUMENT TRANSMITTAL SCHEDULE

To: City of Gold Coast Council

Address : PO Box 5042
GCMC 9726

Attention: Development Assessment



PROJECT: OPERATIONAL WORKS APPLICATION FOR CIVIL WORKS
STAGE 1 VANTAGE YATALA (INDUSTRIAL DEVELOPMENT) Job No: 5941

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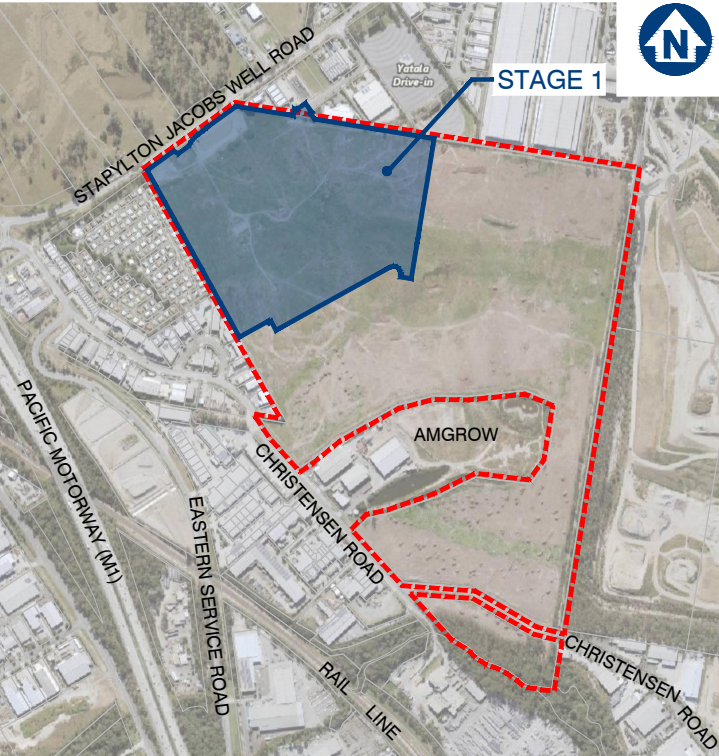
CIVIL OPERATIONAL WORKS VANTAGE YATALA - STAGE 1

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RS–094	F	IPWEA	KERB RAMPS – LOCATIONS AND CONFIGURATIONS
RS–130	F	IPWEA	ROAD FURNITURE – STREET NAME SIGN AND LOCATION (FINGERBOARD)
RS–131	G	IPWEA	ROAD FURNITURE – TRAFFIC SIGN INSTALLATION DETAILS
RS–140	F	IPWEA	SUBSOIL DRAINS – DETAILS AND LOCATION
RS–142	F	IPWEA	SUBSOIL DRAINS – ACCESS POINTS
SD1033	K	DTMR	KERB AND CHANNEL
SD1304	N	DTMR	PIPE CULVERTS – WINGWALLS, HEADWALLS AND APRON FOR PIPE DIA 750 TO 2400
02–003	2	CoGC	TYPICAL CROSS SECTIONS – COLLECTOR STREETS – PLAN 2 OF 2
02–005	I	CoGC	PUBLIC UTILITY PLANT CORRIDOR ALLOCATIONS IN PUBLIC ROAD VERGES
02–601	I	CoGC	NEW ROADS – SERVICE CONDUIT CROSSINGS
02–602	I	CoGC	ROAD CROSSING – TRENCH RESTORATION – FLEXIBLE PAVEMENTS
03–008	I	CoGC	FIELD INLET AND INTER–ALLOTMENT DRAINAGE PIT
03–101	I	CoGC	STORMWATER ACCESS CHAMBER 1050 DIA TO 1500 DIA
03–102	I	CoGC	STORMWATER ACCESS CHAMBER 1050 DIA TO 1500 DIA ROOF SLABS
03–201	I	CoGC	EXCAVATION AND BEDDING OF CONCRETE STORMWATER PIPES
05–014	I	CoGC	CHAIN WIRE FENCING – 1.8m HIGH
SEQ–SPS–1602–1	C	SEQ	RIISING MAIN SCOUR/ DRAIN ARRANGEMENT
SEQ–SPS–1606–1	B	SEQ	AUTOMATIC GAS RELEASE VALVE



LOCALITY PLAN

SCALE 1: 8000 (A1)

CLIENT



**FRASERS
PROPERTY**

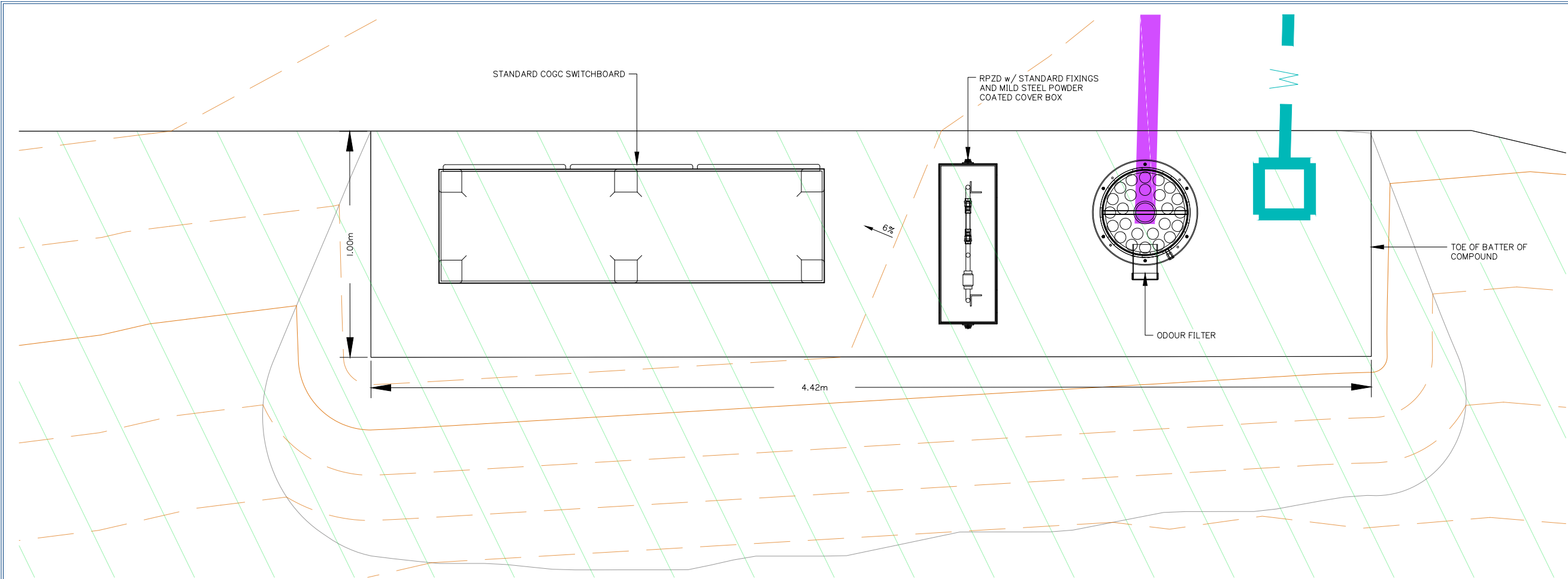
**FRASERS PROPERTY
(AUSTRALIA) PTY. LTD.**

SITE ADDRESS

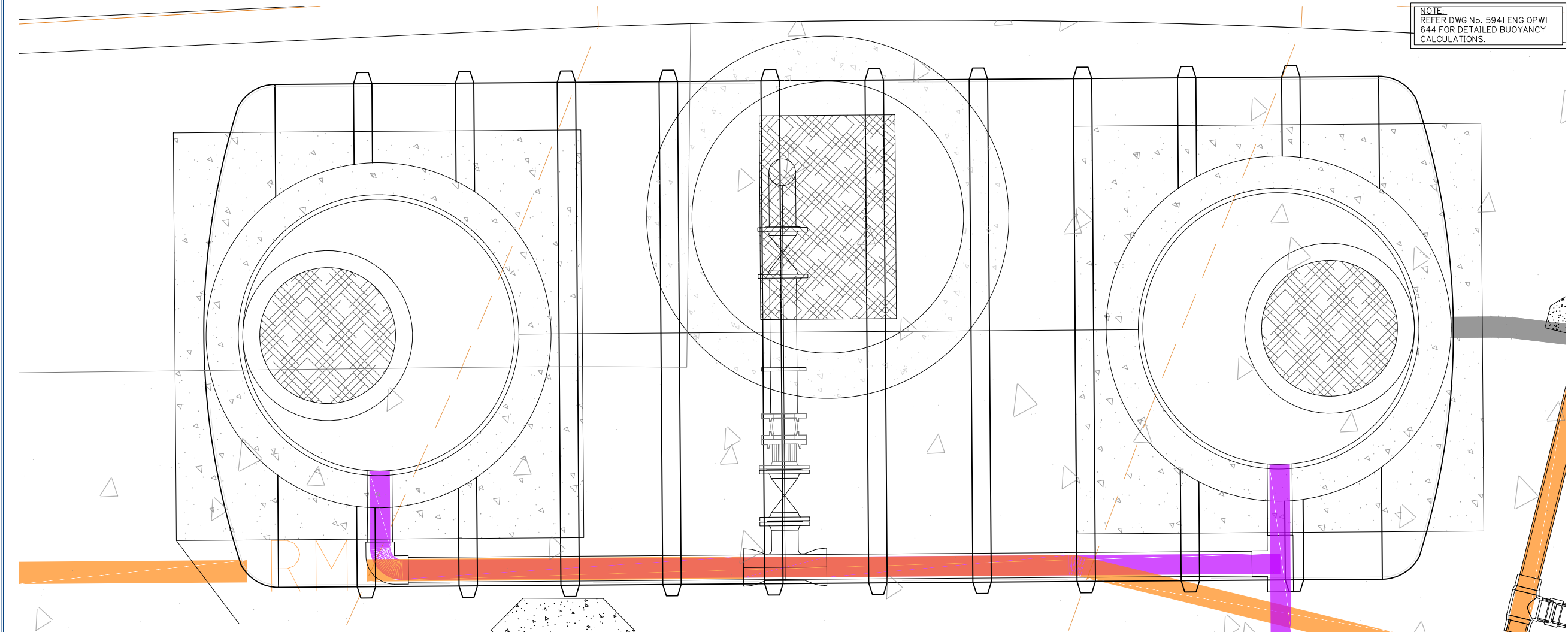
**60 STAPYLTON JACOBS WELL ROAD
STAPYLTON QLD 4207**

DWG No. 594I ENG OPWI 001 – REV J

SEPTEMBER 2021



STANDARD CoCG SWITCHBOARD COMPOUND



EMERGENCY STORAGE VESSEL

Issue	Date	Original Issue	Description	Lab	MG	CHK
A	03-09-2021	ORIGINAL ISSUE		LAB	MG	

SCALE IN METRES
0 0.2 0.4 0.6 0.8 10
1:10 (FULL SIZE A1)
1:20 (HALF SIZE A3)

Scale at A1:	1:10
Designed:	IG
Drafted:	LAB
Approved:	MG
RPEQ:	16939
Signed:	
Date:	09-09-2021



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VANTAGE YATALA STAGE 1

60 STAPYLTON JACOBS WELL
ROAD, STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
BE PRINTED IN COLOUR

Lot:	501
Plan:	SP295994
Local Authority:	CITY OF GOLD COAST COUNCIL
Level Datum:	AHD
Meridian:	-
Contour Interval:	-
PSM:	-
RL:	-

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SEWER PUMP STATION
SYSTEM LONGITUDINAL
SECTION SHEET 1 OF 3[illegible]

1:25 (FULL SIZE A1)
1:50 (HALF SIZE A3)

Scale at A1:	1:25
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Designed:	IG
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Drafted:	LAB
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Approved:	MG
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RPEQ:	16939
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Signed:	<i>Milke</i>
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Date:	09-09
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Drawing No:	Rev. No:
5941 ENG OPW1 650	A



03-09-2021		ORIGINAL ISSUE		LAB
Date		Description		DRN

SCALE IN METRES



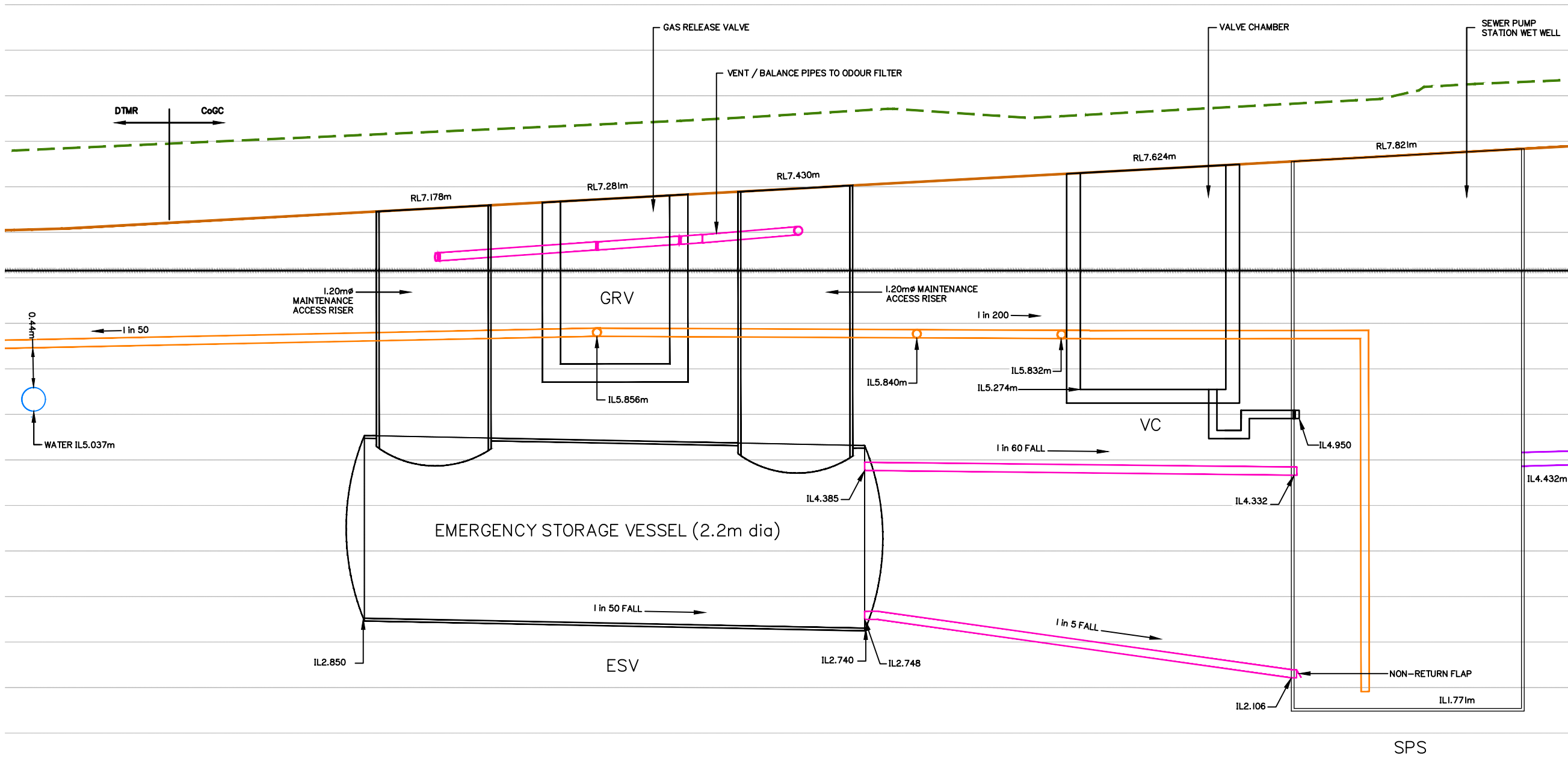
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1:25 (FULL SIZE A1)
1:50 (HALF SIZE A3)

Scale at A1: 1:25

Designed:	IG
Drafted:	LAB
Approved:	MG
PEQ:	16939
Signed:	
Date:	09-09-2021

Drawing No:	Rev. No:
41 ENG OPW1 651	A



Client:



FRASERS PROPERTY
(AUSTRALIA) PTY. LTD.

Project:

VANTAGE YATALA STAGE 1

Site Address:

60 STAPYLTON JACOBS WELL
ROAD, STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
BE PRINTED IN COLOUR

RPD:

Lot: 501
Plan: SP295994
Local Authority: CITY OF GOLD COAST
COUNCIL
Level Datum: AHD
Meridian: -
Contour Interval: -
PSM: -
RL: -

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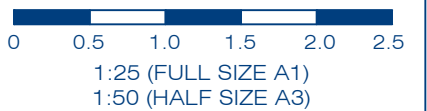
ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES

DRAWING TITLE

SEWER PUMP STATION
SYSTEM LONGITUDINAL
SECTION SHEET 3 OF 3

A	09-09-2021	ORIGINAL ISSUE	LAB	MG	
Issue	Date	Description	DRN	CHK	

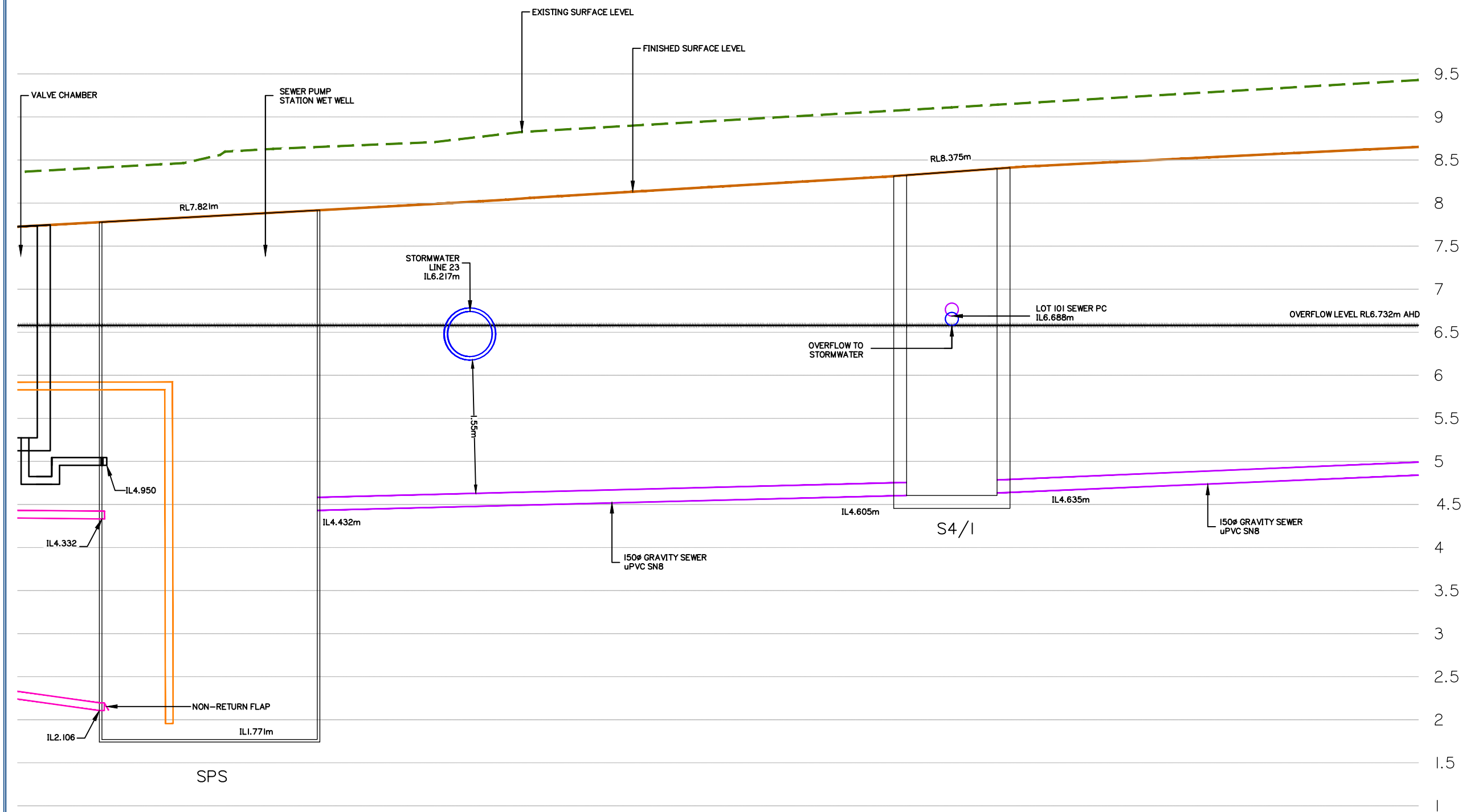
SCALE IN METRES

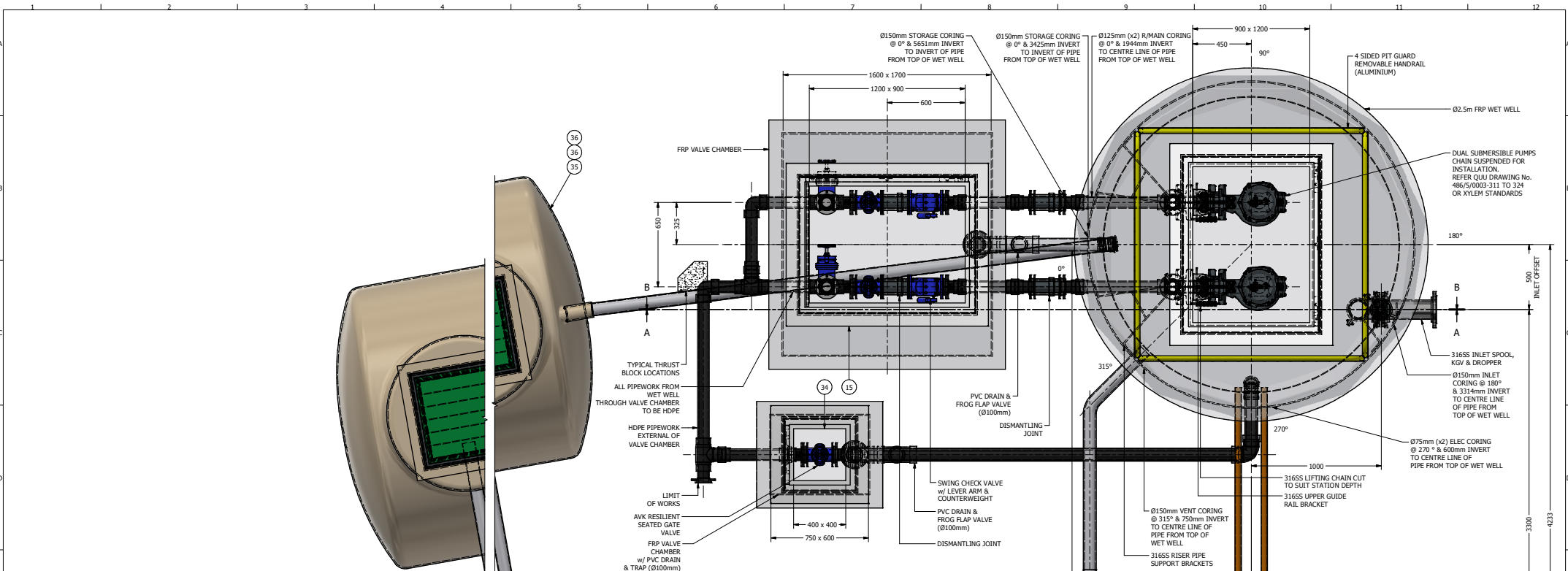


Scale at A1: 1:25

Designed:	IG
Drafted:	LAB
Approved:	MG
RPEQ:	16939
Signed:	
Date:	09-09-2021

Drawing No:	Rev. No:
5941 ENG OPW1 651	A





44	11-PUN	DN100 FLAP VALVE	PVC	1
43	11-PUN	UPPER OVERFLOW PIPE	PVC	1
42	11-PUN	LOWER OVERFLOW PIPE	PVC	1
41	11-PUN	50mm ELEC CONDUIT 2	PVC	1
40	11-PUN	50mm ELEC CONDUIT 1	PVC	1
39	11-PUN	SWITCHBOARD CONC FOUNDATION	CONC	1
38	11-PUN	CONCRETE FOUNDATION FOR V/PITS	CONC	1
37	11-PUN	4 SIDED PIT GUARD, REMOVABLE HANDRAIL	ALUM	1
36	11-PUN	CLASS D GATIC ACCESS LID (TRAFFICABLE), 0.6m x 0.6m	D/IRON	2
35	11-PUN	STORAGE TANK	HDPE	1
34	11-PUN	VALVE CHAMBER ACCESS LID w/OUT SAFETY GRATES	ALUM	1
33	11-PUN	DRAIN LINE ASSEMBLY 2	PVC	1
32	11-PUN	0.6m x 0.75m x 2.35m DEEP VALVE CHAMBER, FRP	GFRP	1
31	11-PUN	COLOUR FILTER ASSEMBLY - GH 375	FRP	1
30	11-PUN	CONCRETE FOUNDATION	CONC	1
29	11-PUN	DRAIN LINE ASSEMBLY	PVC	1
28	11-SUN	CAMLOCK FITTING FOR BYPASS PUMP CONNECTION	316SS	2
27	11-SUN	DN100 THRUST TYPE DISMANTLING JOINT	D/IRON	4
26	11-PUN	RP2D ASSY	316SS	1
25	11-PUN	RP2D COVER BOX ASSEMBLY	316SS	1
24	11-PUN	DROPPER TEE SUPPORT BRACKET	316SS	1
23	11-490176	Ø150mm COVER FOR KGV SPINDLE ACCESS	C/IRON	1
22	11-PUN	VALVE SUPPORT BRACKET	316SS	2
21	11-PUN	KGV EXTENDED SPINDLE UP TO 6m	316SS	1
20	11-PUN	CAP FOR KGV SPINDLE, VZ031602817	316SS	1
19	11-490355	DN150 UNIDIRECTIONAL KNIFE GATE VALVE w/ EXTENDED SPINDLE & KEY CAP	316SS	1
18	11-SUN	DN150 INLET TEE w/ DROPPER PIPE	316SS	1
17	11-490363	DN150 FLANGED INLET PIPE w/ WALL MOUNT BRACKET	316SS	1
16	11-PUN	VALVE SUPPORT BRACKET ASSY	316SS	5
15	11-PUN	VALVE CHAMBER ACCESS LID w/ FALL ARREST SAFETY GRATE	ALUM	1
14	11-PUN	WET WELL ACCESS LID w/ OUT SAFETY GRATES	ALUM	1
13	11-PUN	SWITCHBOARD (TBA)	MILD STEEL	1
12	11-PUN	100mm PVC PIPE, VENT PIPE	PVC	1
11	11-PUN	RIISING MAIN SUPPORT BRACKET	316SS	2
10	11-PUN	DN90 HDPE RISING MAIN w/ TABLE D FLANGES & 316SS BACKING RINGS	HDPE	1
9	11-PUN	DN80 SWING CHECK VALVE w/ LEVER & COUNTERWEIGHT & TABLE D DRILLING	D/IRON	2
8	11-PUN	DN100 AVK RESILIENT SEATED GATE VALVE, TABLE D, 57/98 SERIES C/W, H/W	D/IRON	5
7	11-SUN	LIFTING CHAIN w/ SHACKLE KIT TO SUIT STATION DEPTH	316SS	2
6	11-PUN	UPPER GUIDE RAIL BRACKET	316SS	2
5	11-PUN	GUIDE RAIL SCH40 6.1m LENGTH CUT TO SUIT, LOWER	316SS	4
4	11-PUN	FLYGT NP3127.161, SH247, 7.4kW SUBMERSIBLE PUMPS	D/IRON	2
3	4446803	FLYGT 80x80 DISCHARGE PEDASTAL w/ TABLE D DRILLING	C/IRON	2
2	11-PUN	1.7m x 1.6m x 2.2m DEEP VALVE CHAMBER, FRP	GFRP	1
1	11-PUN	Ø2.5m x 6.0m DEEP FRP WET WELL w/ 1.5m x 1.5m 2.2m DEEP INTEGRATED V/CHAMBER	GFRP	1
ITEM	PART NO.	DESCRIPTION	MATERIAL	QTY
PARTS LIST				

4	18/11/2021	AMENDED AS PER REVIEW	BC	GL	GL
3	4/12/2021	STORAGE TANK PIPING ADDED, ELEC CAB. RELOCATED	BC	GL	GL
2	27/10/2021	STORAGE TANK ADDED	BC	GL	GL
1	7/10/2021	V/CHAMB ADDED - ISSUED FOR MANUFACTURE	BC	PT	PT
0	3/06/2021	ISSUED FOR MANUFACTURE	BC	JP	JP
B	13/04/2021	AMENDED TO MEET GCC COMPLIANCE	BC	JP	JP
A	4/03/2021	GENERAL ARRANGEMENT	BC	JP	JP
REV	DATE	DESCRIPTION	BY	CHK	APP
REVISION HISTORY					

NOTE:
CONNECTING PIPE WORK FOR STORAGE TANK SUPPLIED BY OTHERS

CONCRETE TO BE DESIGNED IN ACCORDANCE WITH GCC SPECIFICATION (SCC40)

RP2D w/ STANDARD FIXINGS AND STAINLESS STEEL COVER BOX
NOTE: RP2D UNIT BY OTHERS REFER TO PROJECT DOCUMENTATION FOR SITE LOCATION

STANDARD COGC SWITCHBOARD (0.415) (1.7 x 0.5 x 2.025m HG)
NOTE: CONTROL PANEL TO BE CONFIRMED ON COMPLETION OF ELECTRICAL DESIGN DOCUMENTATION

PLAN VIEW - PUMP STATION
SCALE (DNS)

PUMP WEIGHT (kg)	
PUMP	147kg
DISCHARGE	35kg

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Let's Solve Water
XYLEM WATER SOLUTIONS
UNIT 2, 2 CARPINE DRIVE
EASTON OCEAK
SYDNEY, 2766
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FX: +2 9832 6483

ALSO ADELAIDE, BRISBANE, DARWIN, KALGOORLIE, MARRATHA, MELBOURNE, MACKAY, MT ISA, NEWCASTLE, ORANGE, SYDNEY, TOWNSVILLE, TASMANIA & AGENTS

LINKED TOLERANCES EXCEPT WHERE OTHERWISE SPECIFIED:
UP TO 250mm: 0.25mm
250mm TO 500mm: 0.30mm
500mm TO 1000mm: 0.40mm
1000mm TO 2000mm: 0.50mm
2000mm AND OVER: 0.60mm
HOLE CENTRES: 0.25mm
DIMENSIONED HOLES: 0.25mm

LENGTH OF SUBMERSED PIPE:
UP TO 100mm: 4.10°
101mm AND OVER: 4.10°

CLIENT: GASSMAN CONSULTANTS
PROJECT: VANTAGE YATALA - JACOBS WELL
TITLE: 11-FRP2560-90DESS w/ FLYGT NP3127.161-SH247, 7.4kW SUBMERSIBLE PUMPS
PLAN VIEW

CONTRACT / REFERENCE No.: TBA
DRAWN: BC
CHECKED: JP
DATE: 4.3.2021
APPROVED: JP
SHEET: 2 of 4
SCALE: 1:12
DWG NO: FA8368-01
SHT SIZE: REV: 4



DATUM RL = 0.700				
PIPE INVERT LEVEL				
EXISTING SURFACE LEVEL				
FINISHED SURFACE LEVEL				
COVER TO PIPE				
DEPTH TO PIPE INVERT				
PIPE CHAINAGE				
0	-2.011	1.752	7.048	5.037
4	-2.144	1.964	7.193	5.049
5	-2.191	2.011	7.243	5.052
5.262	-2.205	2.025	7.258	5.053
5.716	-2.232	2.052	7.286	5.054
10	-1.422	1.242	7.599	6.178
12.464	-0.950	0.777	7.774	6.824
13.662	-0.954	0.774	7.854	6.900
15	-0.961	0.761	7.946	6.985
20	-0.955	0.775	8.256	7.301
21.281	-0.952	0.772	8.333	7.381

LONGITUDINAL SECTION – DESIGN WATER

AI HORZ SCALE: 1 : 400
AI VERT SCALE: 1 : 40

No	DESCRIPTION	DIA MAIN	FSL	ESL	IL	DEPTH TO INVERT (FSL)	DEPTH TO INVERT (ESL)
I(A)	CONTRACTOR TO ENSURE SLUICE VALVE OFF 150mm DIA EXTERNAL WATER MAIN IS CLOSED						
I(B)	CONTRACTOR TO CONSTRUCT NEW 150mm DIA LINE OFF EXISTING 150mm ISOLATED LINE	150mm DICI	7.193m	8.117m	5.049m	2.144m	3.068m
I(C)	SLUICE VALVE SHALL REMAIN CLOSED UNTIL AFTER SUCCESSFUL "ON MAINTENANCE INSPECTION" NOTE: ALL WORKS TO BE CARRIED OUT UNDER GCWW SUPERVISION AND AT DEVELOPER'S EXPENSE						

WATER FITTING SCHEDULE	
No	DESCRIPTION
1	FIRE HYDRANT
2	DICL BEND 90°
3	DICL BEND 22.5°
4	DICL BEND 11.25°
5	SLUICE VALVE
6	DICL 150x150 TEE
7	END CAP
8	150x150 TEE WITH BLANK FLANGES
9	DICL BEND 6°



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Gold Coast & Logan | 76 Business Street, Yatala QLD | PO Box 392, Beerleigh 4207

Client:



Project:

VANTAGE YATALA STAGE 1

Site Address:

60 STAPYLTON JACOBS WELL
ROAD, STAPYLTON QLD 4207

THIS DRAWING IS INTENDED TO
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RPD:

Lot:	501
Plan:	SP295994
Local Authority:	CITY OF GOLD COAST COUNCIL
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DRAWING TITLE

WATER RETICULATION
LAYOUT PLAN SHEET 1 OF 4

G	09-09-2021	DICL WM BENDS AMENDED ON EASTRIDGE STREET	LAB	MG					
F	01-08-2021	DICL WM BENDS AMENDED ON EASTRIDGE STREET	IG	MG					
E	30-04-2021	RESPONSE TO COUNCIL INFORMATION REQUEST	IG	MG					
D	12-03-2021	MINOR CHANGE	BA	MG					
C	28-10-2020	ISSUED FOR CONSTRUCTION	BA	MG					
C	02-09-2020	MINOR CHANGE TO STAGE 1	BA	MG					
B	12-06-2020	INFORMATION REQUEST RESPONSE	BA	MG					
A	01-05-2020	ORIGINAL ISSUE	BA	MG					
Issue	Date	Description	DRN	CHK					

SCALE IN METRES



Scale at A1:	1:500
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Designed:	IG
Drafted:	BA
Approved:	MG
RPEQ:	16939
Signed:	
Date:	09-09-2021

Drawing No:	Rev. No:
5941 ENG OPW1 700	G