

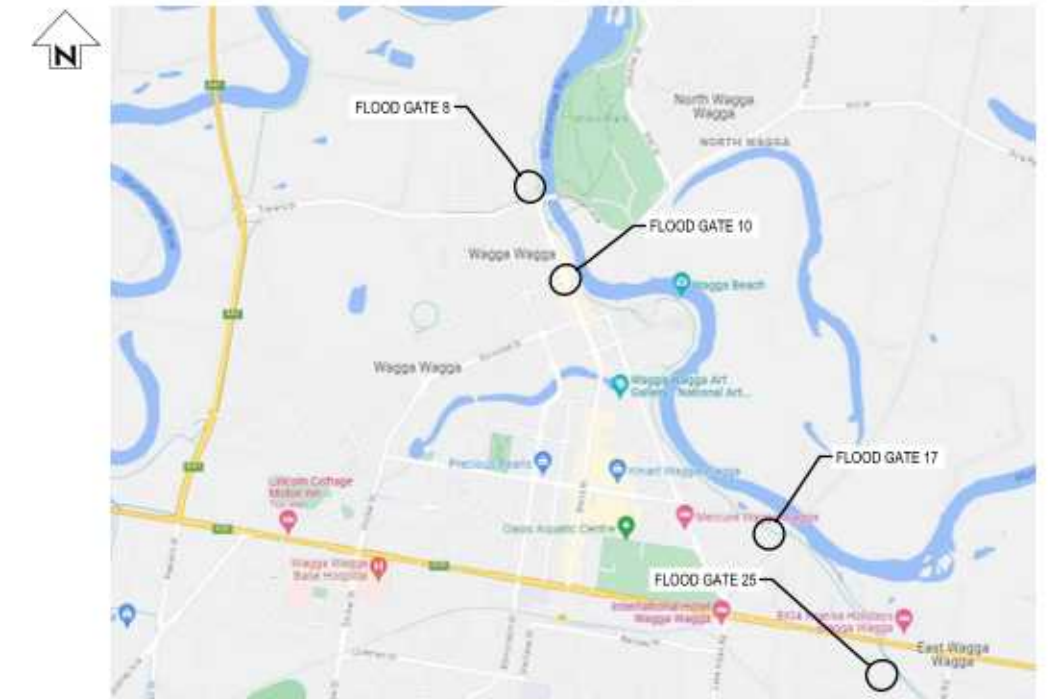


WAGGA WAGGA LEVEE PUMP AUGMENTATION

DRAWING INDEX

DWG No.	DRAWING TITLE
300203869-01-001-SK010	COVER SHEET, DRAWING INDEX AND LOCALITY PLAN
300203869-01-001-SK011	FLOOD GATE 8 CONCEPT SKETCH LAYOUT PLAN
300203869-01-001-SK012	FLOOD GATE 8 CONCEPT SKETCH DETAIL
300203869-01-001-SK021	FLOOD GATE 10 CONCEPT SKETCH LAYOUT PLAN
300203869-01-001-SK022	FLOOD GATE 10 CONCEPT SKETCH DETAIL
300203869-01-001-SK031	FLOOD GATE 17 CONCEPT SKETCH LAYOUT PLAN
300203869-01-001-SK032	FLOOD GATE 17 CONCEPT SKETCH DETAIL
300203869-01-001-SK041	FLOOD GATE 25 CONCEPT SKETCH LAYOUT PLAN
300203869-01-001-SK042	FLOOD GATE 25 CONCEPT SKETCH DETAIL
300203869-01-001-SK050	FLOOD GATE GENERAL ARRANGEMENT - TYPICAL DETAIL

LOCALITY PLAN



FOR REVIEW
20.09.24

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000



- NOTES:**
1. LOCATIONS OF ALL EXISTING SERVICES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL POSITIVELY PROVE LOCATIONS OF ALL BURIED SERVICES IN VICINITY OF EXCAVATIONS PRIOR TO WORKS COMMENCING.
 2. MAINTAIN 600mm MIN COVER TO NEW DISCHARGE PIPES.
 3. REFER 300203869-01-001-SK012 AND 300203869-01-001-SK013 FOR DETAILS AT THE PUMP AND FLOOD GATE PITS.

LEGEND

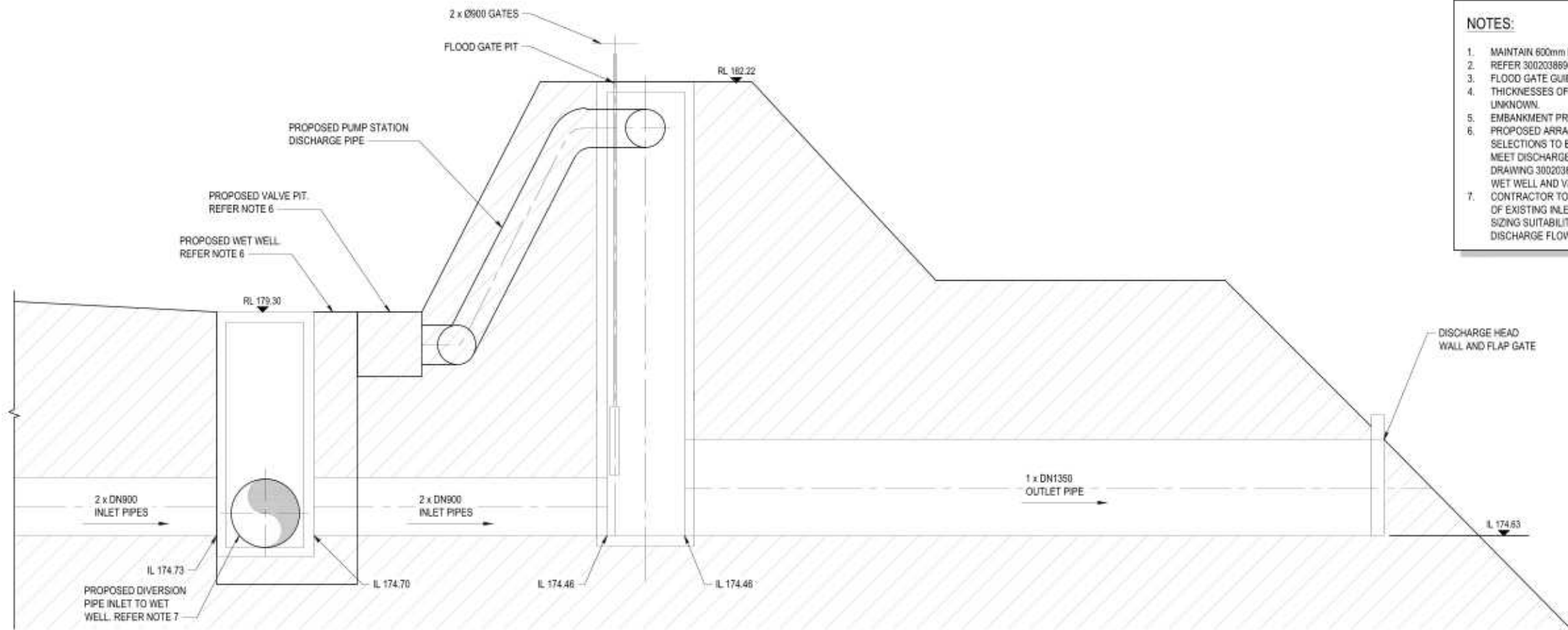
—	NEW INFRASTRUCTURE
---	EXISTING INFRASTRUCTURE
---	POWER -U/G



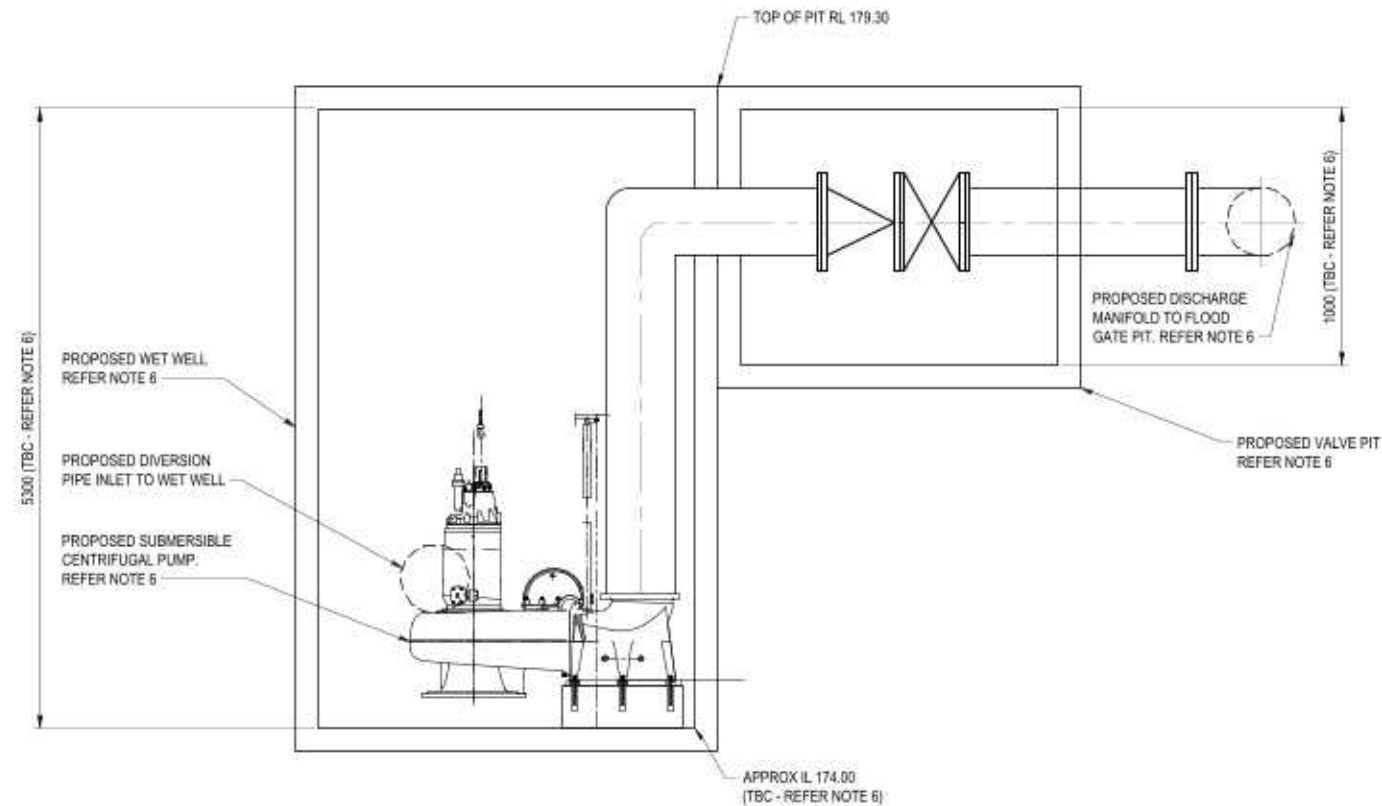
PLAN
SCALE 1 : 100

NOT FOR CONSTRUCTION

										SURVEYED												WAGGA WAGGA LEEVE PUMP AUGMENTATION			FLOOD GATE 8 CONCEPT SKETCH LAYOUT PLAN			FOR REVIEW					
										DESIGNED			Joshua Williams																		20.10.23		
										DRAWN			Rahna Tabet																		20.10.23		
										CAD REVIEW			William Lander																		20.09.24		
										DESIGN CHECK			Amos Micallef																		20.09.24		
										DESIGN REVIEW			Amos Micallef			20.09.24																	
										APPROVED			Amos Micallef			20.09.24																	
										PROF REGISTRATION:																							



SECTION A
SCALE : NTS



SECTION B
SCALE : NTS

NOTES:

1. MAINTAIN 600mm MIN COVER TO NEW DISCHARGE PIPES.
2. REFER 300203869-01-001-SK011 FOR FURTHER DETAILS.
3. FLOOD GATE GUIDE RAILS NOT SHOWN FOR CLARITY.
4. THICKNESSES OF EXISTING PIT WALLS AND BASES ARE UNKNOWN.
5. EMBANKMENT PROFILE IS APPROXIMATE ONLY.
6. PROPOSED ARRANGEMENT TBC BY CONTRACTOR. PUMP SELECTIONS TO BE COMPLETED BY CONTRACTOR TO MEET DISCHARGE REQUIREMENTS SET BY WWCC. REFER DRAWING 300203869-01-001-SK050 FOR DETAILS ON THE WET WELL AND VALVE CHAMBER.
7. CONTRACTOR TO COMPLETE HYDRAULIC ASSESSMENT OF EXISTING INLET AND OUTLET PIPES TO DETERMINE SIZING SUITABILITY AT THE PROPOSED TOTAL PUMPED DISCHARGE FLOW RATE.

NOT FOR CONSTRUCTION

REV	ISSUED FOR REVIEW	REVISIONS	RT	AM	AM	20.09.24	DATE	PROF REGISTRATION
A	ISSUED FOR REVIEW		RT	AM	AM	20.09.24	DATE	PROF REGISTRATION

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WAGGA WAGGA LEEVE PUMP
AUGMENTATION

FLOOD GATE 8 CONCEPT SKETCH
DETAIL

Issue Stamp	FOR REVIEW
Date Stamp	11.09.24
Scale	NTS
Drawing No.	300203869-01-001-SK012
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



200m
150m
100m
50m
0m
50m
100m
150m
200m



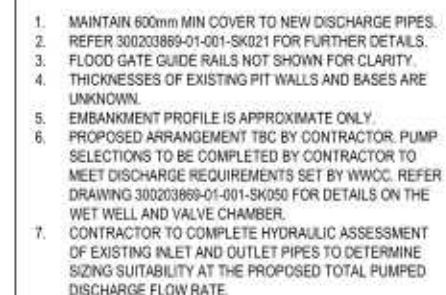
- NOTES:**
1. PROPOSED ARRANGEMENT TBC. PUMP SELECTIONS TO BE COMPLETED BY CONTRACTOR TO MEET DISCHARGE REQUIREMENTS SET BY WWCC. REFER DRAWING 300203869-01-001-SK050 FOR DETAILS ON THE WET WELL AND VALVE CHAMBER.
 2. UNDERGROUND SERVICES ARE PRESENT IN ROAD RESERVES WEST OF THE RETAINING WALL INCLUDING BURIED POWER. CONTRACTOR TO COMPLETE APPROPRIATE INVESTIGATIONS AND POSITIVELY LOCATE ASSETS WHERE REQUIRED.
 3. CONTRACTOR TO COMPLETE HYDRAULIC ASSESSMENT OF EXISTING INLET AND OUTLET PIPES TO DETERMINE SIZING SUITABILITY AT THE PROPOSED TOTAL PUMPED DISCHARGE FLOW RATE.
- LEGEND**
- NEW INFRASTRUCTURE
 - EXISTING INFRASTRUCTURE
 - POWER -UG

PLAN
SCALE 1 : 100



NOT FOR CONSTRUCTION

										SURVEYED									WAGGA WAGGA LEEVE PUMP AUGMENTATION		FLOOD GATE 10 CONCEPT SKETCH LAYOUT PLAN		Status Stamp		FOR REVIEW																																												
										DESIGNED			Joshua Williams										20.10.23		Date Stamp		11.09.24																																										
										DRAWN			Rahna Talside										20.10.23																																														
										CAD REVIEW			William Lander										20.09.24																																														
										DESIGN CHECK			Amos Micallef										20.09.24																																														
										DESIGN REVIEW			Amos Micallef										20.09.24																																														
										APPROVED			Amos Micallef		20.09.24						Scale 1 : 100																																																
										PROF REGISTRATION									Drawing No.		300203869-01-001-SK021																																																
																					Rev.		A																																														
A										ISSUED FOR REVIEW										RT										AM										AM										20.09.24																			
REV																				DRN										CHK										APP										DATE																			
										REVISIONS																																																											



8680 (TBC - REFER NOTE 6)

PROPOSED WET WELL
REFER NOTE 6

PROPOSED DIVERSION
PIPE INLET TO WET WELL

PROPOSED SUBMERSIBLE
CENTRIFUGAL PUMP,
REFER NOTE 6

TOP OF PIT RL181.68

APPROX. IL 173.00
(TBC - REFER NOTE 6)

PROPOSED DISCHARGE
MANIFOLD TO FLOOD
GATE PIT. REFER NOTE 6

PROPOSED VALVE PIT
REFER NOTE 6

1000 (TBC - REFER NOTE 6)

										SURVEYED DESIGNED Joshua Williams 28.11.23 DRAWN Rahné Tolosa 24.11.23 CAD REVIEW William Landon 20.09.24 DESIGN CHECK Amos Micallef 20.09.24 DESIGN REVIEW Amos Micallef 20.09.24 APPROVED Amos Micallef 20.09.24 PROF REGISTRATION:							WAGGA WAGGA LEEVE PUMP AUGMENTATION FLOOD GATE 10 CONCEPT SKETCH DETAIL				Status: FOR REVIEW Date Stamp: 11.09.24 Scale: NTS Drawing No: 300203869-01-001-SK022 Rev: A	
A REV ISSUED FOR REVIEW REVISIONS										RT AM AM 20.09.24 RM CMK AM DATE												

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



- NOTES:**
1. PROPOSED ARRANGEMENT TBC. PUMP SELECTIONS TO BE COMPLETED BY CONTRACTOR TO MEET DISCHARGE REQUIREMENTS SET BY WWCC. REFER DRAWING 300203869-01-001-SK050 FOR DETAILS ON THE WET WELL AND VALVE CHAMBER.
 2. CONTRACTOR TO COMPLETE HYDRAULIC ASSESSMENT OF EXISTING INLET AND OUTLET PIPES TO DETERMINE SIZING SUITABILITY AT THE PROPOSED TOTAL PUMPED DISCHARGE FLOW RATE.

LEGEND

—	NEW INFRASTRUCTURE
- - -	EXISTING INFRASTRUCTURE
—●—	POWER -Q/H

PLAN
SCALE 1 : 100



NOT FOR CONSTRUCTION

REV	ISSUED FOR REVIEW	REVISIONS	RT	AM	AM	20.09.24
REV	ISSUED FOR REVIEW	REVISIONS	RT	AM	AM	20.09.24

SURVEYED		
DESIGNED	Joshua Williams	20.10.23
DRAWN	Raina Talsola	20.10.23
CAD REVIEW	William Lander	20.09.24
DESIGN CHECK	Amos Micallef	20.09.24
DESIGN REVIEW	Amos Micallef	20.09.24
APPROVED	Amos Micallef	20.09.24
PROF REGISTRATION		

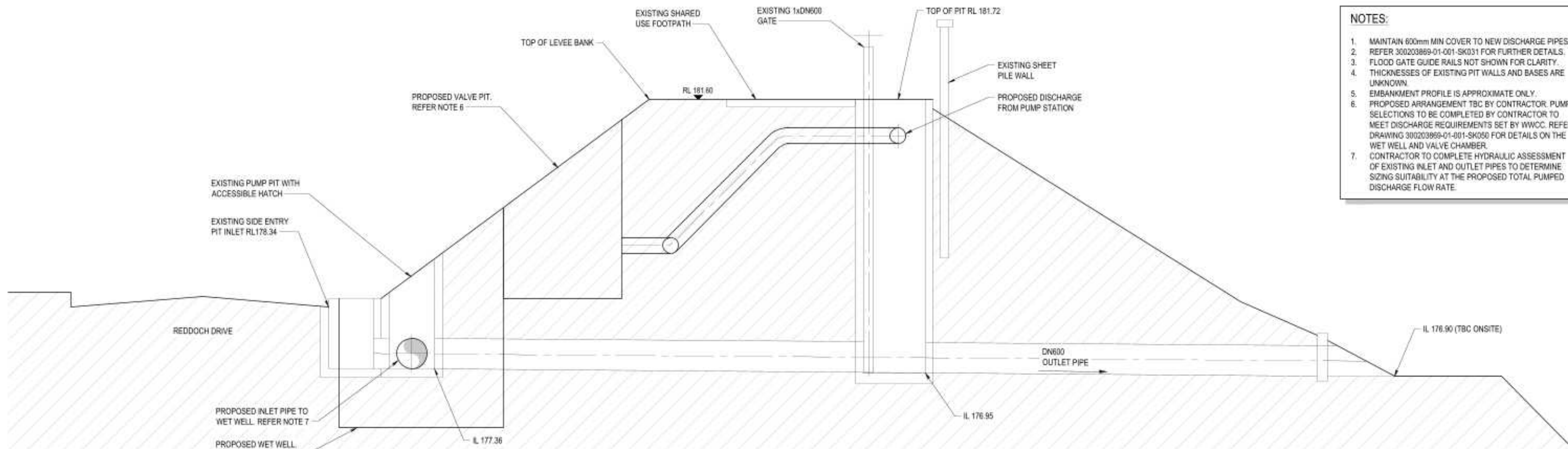


WAGGA WAGGA LEEVE PUMP
AUGMENTATION
FLOOD GATE 17 CONCEPT SKETCH
LAYOUT PLAN

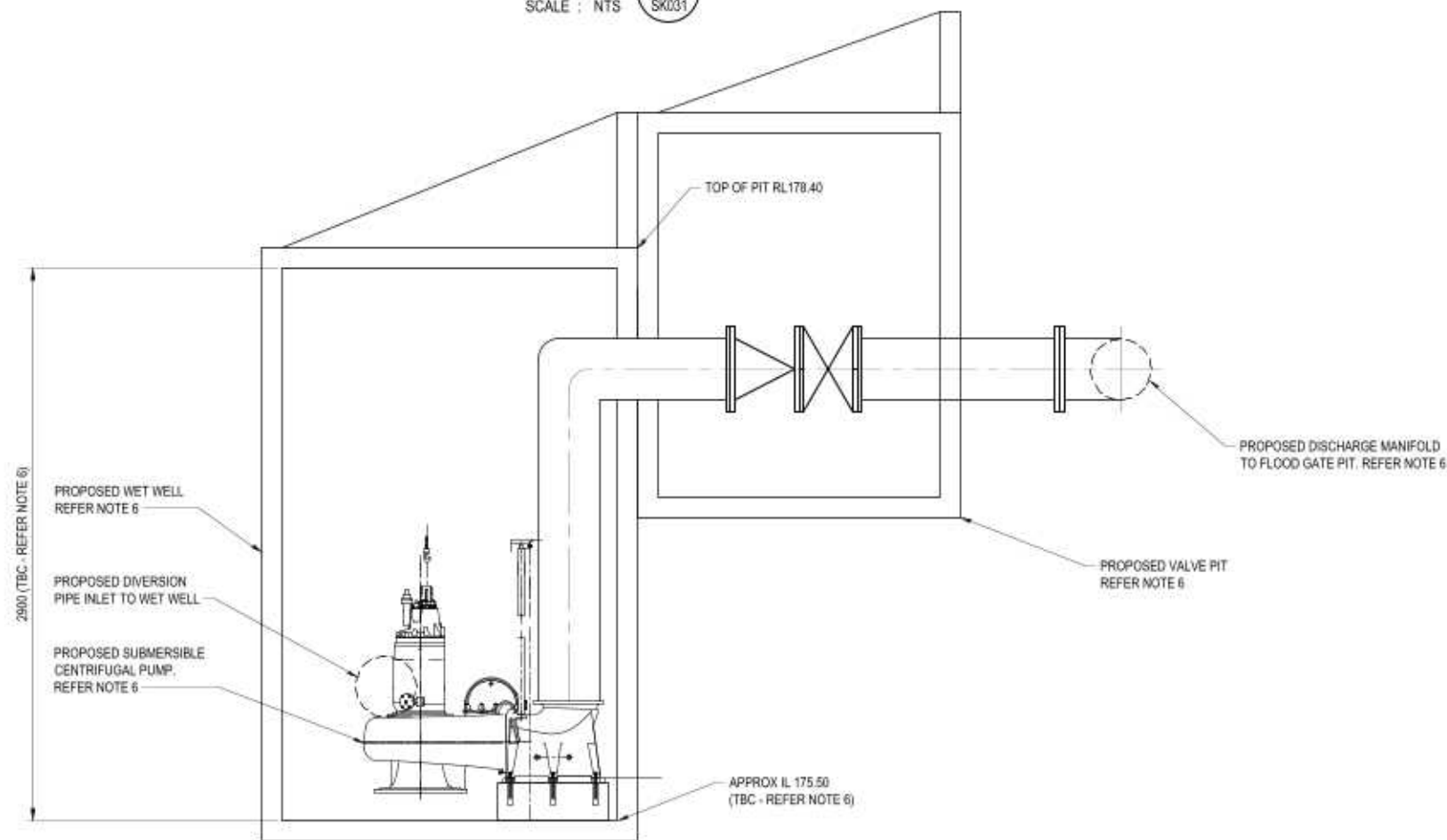
Date Stamp	FOR REVIEW
Date Stamp	11.09.24
Scale	1 : 100
Drawing No.	300203869-01-001-SK031
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



SECTION A
SCALE : NTS
SK031



SECTION B
SCALE : NTS
SK031

- NOTES:**
1. MAINTAIN 600mm MIN COVER TO NEW DISCHARGE PIPES.
 2. REFER 300203869-01-001-SK031 FOR FURTHER DETAILS.
 3. FLOOD GATE GUIDE RAILS NOT SHOWN FOR CLARITY.
 4. THICKNESSES OF EXISTING PIT WALLS AND BASES ARE UNKNOWN.
 5. EMBANKMENT PROFILE IS APPROXIMATE ONLY.
 6. PROPOSED ARRANGEMENT TBC BY CONTRACTOR. PUMP SELECTIONS TO BE COMPLETED BY CONTRACTOR TO MEET DISCHARGE REQUIREMENTS SET BY WWCC. REFER DRAWING 300203869-01-001-SK050 FOR DETAILS ON THE WET WELL AND VALVE CHAMBER.
 7. CONTRACTOR TO COMPLETE HYDRAULIC ASSESSMENT OF EXISTING INLET AND OUTLET PIPES TO DETERMINE SIZING SUITABILITY AT THE PROPOSED TOTAL PUMPED DISCHARGE FLOW RATE.

NOT FOR CONSTRUCTION

				SURVEYED			DESIGNED		Joshua Williams		28.11.23	 		WAGGA WAGGA LEVEE PUMP AUGMENTATION		FOR REVIEW	
				DRAWN			Rahna Tabet		24.11.23					FLOOD GATE 17 CONCEPT SKETCH DETAIL		11.09.24	
				CAD REVIEW			William Lander		20.09.24								
				DESIGN CHECK			Amos Micallef		20.09.24								
				DESIGN REVIEW			Amos Micallef		20.09.24								
				APPROVED			Amos Micallef		20.09.24								
				PROF REGISTRATION												300203869-01-001-SK032	
																A	

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



PLAN
SCALE 1 : 100

- NOTES:**
1. PROPOSED ARRANGEMENT TBC. PUMP SELECTIONS TO BE COMPLETED BY CONTRACTOR TO MEET DISCHARGE REQUIREMENTS SET BY WWC. REFER DRAWING 300203869-01-001-SK050 FOR DETAILS ON THE WET WELL AND VALVE CHAMBER.
 2. CONTRACTOR TO COMPLETE HYDRAULIC ASSESSMENT OF EXISTING INLET AND OUTLET PIPES TO DETERMINE SIZING SUITABILITY AT THE PROPOSED TOTAL PUMPED DISCHARGE FLOW RATE.

LEGEND

	NEW INFRASTRUCTURE
	EXISTING INFRASTRUCTURE
	POWER - U/G



REVISIONS		RT	AM	AM	20.09.24
REV	DESCRIPTION	DRN	CHK	APP	DATE
A	ISSUED FOR REVIEW				

SURVEYED		
DESIGNED	Joshua Williams	20.10.23
DRAWN	Raina Talside	20.10.23
CAD REVIEW	William Lander	20.09.24
DESIGN CHECK	Amos Micallef	20.09.24
DESIGN REVIEW	Amos Micallef	20.09.24
APPROVED	Amos Micallef	20.09.24
PROF REGISTRATION		



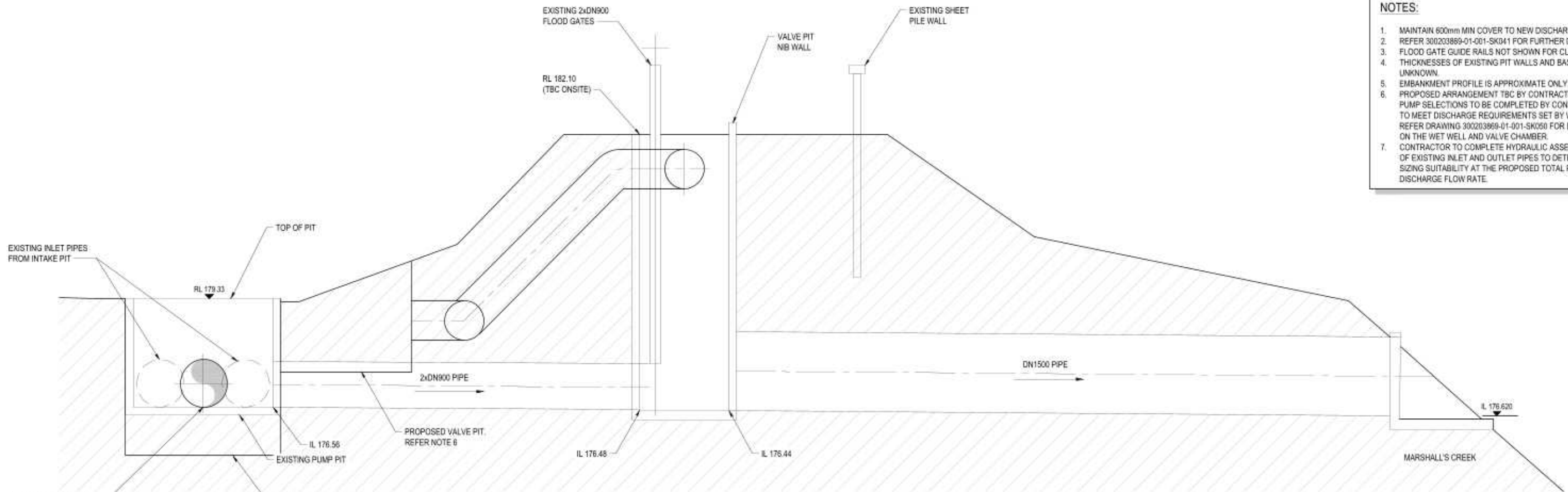
WAGGA WAGGA LEVEE PUMP
AUGMENTATION

FLOOD GATE 25 CONCEPT SKETCH
LAYOUT PLAN

NOT FOR CONSTRUCTION	
FOR REVIEW	
11.09.24	
1 : 100	
300203869-01-001-SK041	A

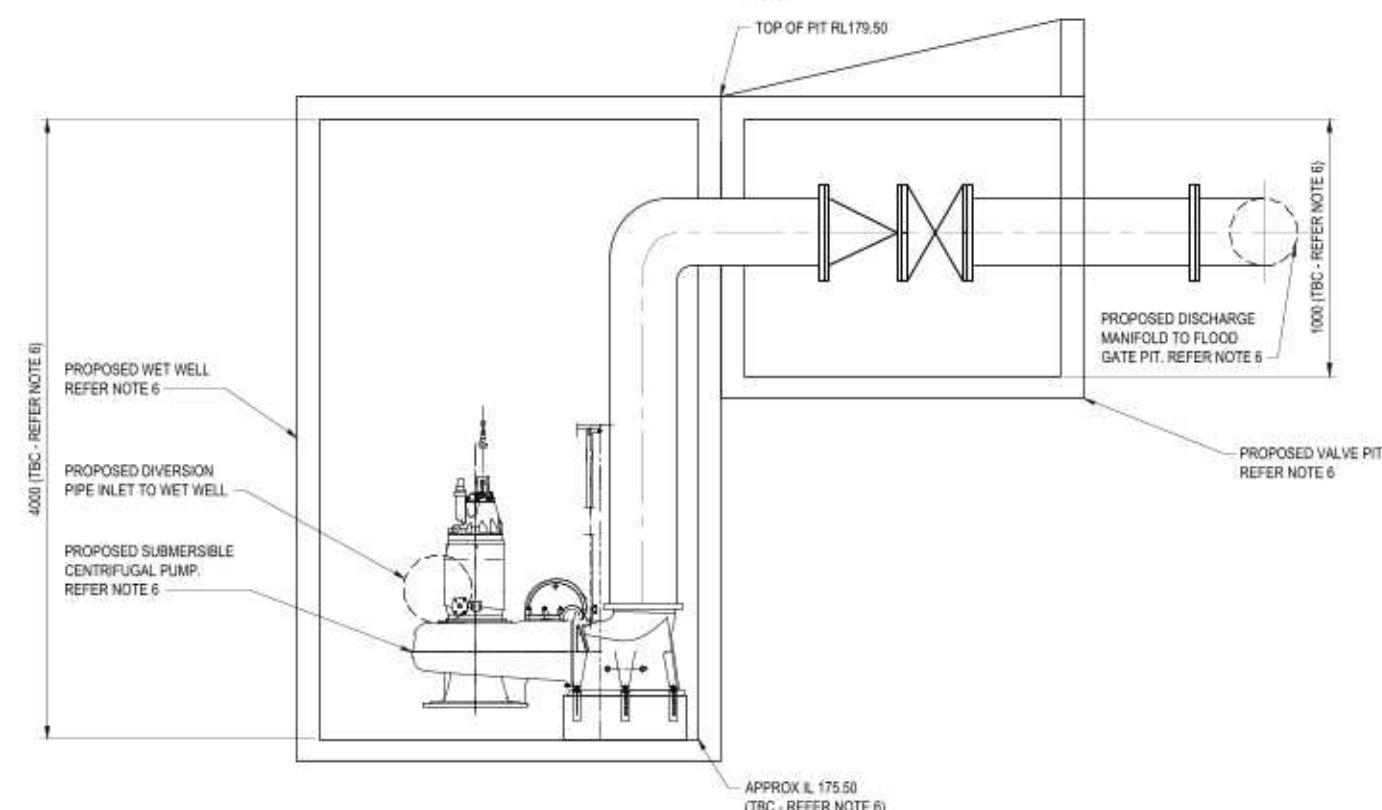
DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



SECTION A
SCALE : NTS
SK041

- NOTES:
1. MAINTAIN 600mm MIN COVER TO NEW DISCHARGE PIPES.
 2. REFER 300203869-01-001-SK041 FOR FURTHER DETAILS.
 3. FLOOD GATE GUIDE RAILS NOT SHOWN FOR CLARITY.
 4. THICKNESSES OF EXISTING PIT WALLS AND BASES ARE UNKNOWN.
 5. EMBANKMENT PROFILE IS APPROXIMATE ONLY.
 6. PROPOSED ARRANGEMENT TBC BY CONTRACTOR. PUMP SELECTIONS TO BE COMPLETED BY CONTRACTOR TO MEET DISCHARGE REQUIREMENTS SET BY WWCC. REFER DRAWING 300203869-01-001-SK050 FOR DETAILS ON THE WET WELL AND VALVE CHAMBER.
 7. CONTRACTOR TO COMPLETE HYDRAULIC ASSESSMENT OF EXISTING INLET AND OUTLET PIPES TO DETERMINE SIZING SUITABILITY AT THE PROPOSED TOTAL PUMPED DISCHARGE FLOW RATE.



SECTION B
SCALE : NTS
SK041

NOT FOR CONSTRUCTION

				SURVEYED									WAGGA WAGGA LEEVE PUMP AUGMENTATION		FOR REVIEW	
				DESIGNED			Joshua Williams		28.11.23				FLOOD GATE 25 CONCEPT SKETCH		11.09.24	
				DRAWN			Rahna Tabet		24.11.23							
				CAD REVIEW			William Lander		20.09.24							
				DESIGN CHECK			Amos Micallef		20.09.24							
				DESIGN REVIEW			Amos Micallef		20.09.24							
				APPROVED			Amos Micallef		20.09.24							
				PROF REGISTRATION											300203869-01-001-SK042	
															A	

