



TABLE IW-1: INLET WORKS SCOPE OF WORK, REFERENCE TABLE

REF	DESCRIPTION	NO OF	CE DETAIL DWG	WORK	M & E NOTE
C-01	EX MH-1 & MH-2: DI LIDS TO BE SECURED	2	10909001 - 0202	REFURB	SEE M & E DWGS / SPEC
C-02	EX HANDSTOP & FRAME TO BE REMOVED	2		REMOVE	
C-03	EX HANDSTOP STOLEN (NOTE FOR RECORD PURPOSES)	5		N / A	
C-04	NEW HANDSTOP / SLUICE + FRAME	5	10909001 - 0202	NEW	
C-05	NEW RECT RC CHANNEL (0.7m W x 1m D WITH 0.2m H UPSTAND)	SEE BOQ	10909001 - 0533	NEW	
C-06	NEW RECT RC CHANNEL (ENLARGEMENT, 0.7m W to 1.8m W)	SEE BOQ	10909001 - 0533	NEW	
C-07	NEW SS COARSE SCREEN, 700mm W TO SUIT CHANNEL	1		NEW	SEE M DWGS / SPEC
C-08	NEW RC SCREENINGS DRIP TRAY, 1.1m W, SEE DETAIL	1		NEW	
C-09	REMOVE & REPLACE EX COARSE SCREEN, 0.7m W	1		REPLACE	SEE M DWGS / SPEC
C-10	NEW SS MECH FINE (AUTO) SCREEN, 700mm W TO SUIT CHANNEL W	1		NEW	SEE M & E DWGS / SPEC
C-11	NEW MECH SCREW CONVEYOR, SEE MECH DETAIL	1		NEW	SEE M & E DWGS / SPEC
C-12	NEW MECH WASH COMPACTOR & SCREENINGS DISCHARGE FUNNEL	1		NEW	SEE M & E DWGS / SPEC
C-13	NEW MINI SKIP (3m³: 2.4m L x 1.3m W x 1.3m H) FOR SCREENINGS / GRIT	3		NEW	
C-14	NEW RC SLAB / APRON (150mm THK), SEE DETAILS ELSEWHERE	SEE BOQ	10909001 - 0595	NEW	
C-15	NEW RC FOOTBRIDGE WITH H-RAILS, 0.8m W, SEE DETAILS ELSEWHERE	SEE BOQ	10909001 - 0595	NEW	
C-16	NEW RC FOOTBRIDGE WITH H-RAILS, 1.0m W, SEE DETAILS ELSEWHERE	SEE BOQ	10909001 - 0595	NEW	
C-17	NEW RC VORTEX TYPE (360 DEG) GRIT REMOVAL TANK, SEE DETAILS	2	10909001 - 0534	NEW	
C-18	NEW REMOTE MOUNTED GRIT PUMP, SEE MECH ENG DWG FOR DETAILS	2		NEW	SEE M & E DWGS / SPEC
C-19	NEW SCREW TYPE GRIT CLASSIFIER, SEE MECH ENG DWG FOR DETAILS	1		NEW	SEE M & E DWGS / SPEC
C-20	NEW ULTRASONIC FLOW METER INSTRUMENT COMPLETE, SEE MEICA SPEC	2		REPLACE	SEE M & E DWGS / SPEC
C-21	DN150 WEDGE GATE (DRAIN) VALVE & SPINDLE & BRACKETS REPLACED	2	10909001 - 0202	REPLACE	
C-22	EXISTING RC SCREENINGS DRIP SLAB; DRILL EXTRA 20mm HOLES x 2 NO	1		REFURB	
C-23	NEW 10,000 L PLASTIC TANK (WASH-WATER USE), SEE DETAIL ELSEWHERE	2	10909001 - 0501	NEW	ALSO SEE M-DWGS / SPEC
C-24	NEW WASH-WATER BOOSTER PUMP SET & FITTINGS, SEE MEICA SPEC	1 x 2		NEW	SEE M & E DWGS / SPEC
C-25	NEW SECURE ELECTRICAL / TELEMETRY CABLE DRAW PIT, SEE DETAIL	SEE BOQ	10909001 - 0421, - 0422	NEW	ALSO SEE E-DWGS / SPEC
C-26	REPLACEMENT ROOF CANOPY & STEEL STRUCTURE, SEE DETAIL DWG	SEE BOQ	10909001 - 0501	REPLACE	
C-27	REFURBISH EX INLET WORKS BLDG; INCL. NEW RC ROOF & SERVICES	SEE BOQ	10909001 - 0500	REFURB	ALSO SEE E-DWGS / SPEC
C-28	REPLACEMENT SECURITY FENCE (TYPE 1, ELECTRIFIED), SEE DETAIL DWG	SEE BOQ	10909001 - 0112, - 0590	REPLACE	ALSO SEE E-DWGS / SPEC
C-29	DEMOLISH EX REINF CONC (RC CHANNEL / OTHER), SEE DETAIL DWG	SEE BOQ	10909001 - 0532	DEMOLISH	
C-30	EDGE OF EX BRICK PAVING (TO BE ALTERED), SEE DETAIL DWG	SEE BOQ	10909001 - 0532	REFURB	
C-31	REPLACEMENT DOUBLE LEAF-GATE (TYPE 1, ELECTRIFIED), SEE DETAIL	1	10909001 - 0112, - 0590	REPLACE	ALSO SEE E-DWGS / SPEC
C-32	NEW MECH PADDLE STIRRER & FITTINGS, SEE MECH ENG DWG & SPEC	2		NEW	SEE M & E DWGS / SPEC
C-33	NEW SS HAND RAILINGS (BALL-JOINT TYPE), SEE DETAIL DWG	SEE BOQ	10909001 - 0202	NEW	

- NOTES
- LAYOUT PLAN PRODUCED ON THE BASIS OF PROFESSIONAL LAND SURVEYORS AS-BUILT SURVEY, APRIL 2023. (ARROW SURVEYS PTY LTD) AND V3 CONSULTING ENGINEERS AS-BUILT SURVEY 2023. THE CONTRACTOR SHALL, HOWEVER, VERIFY ALL DIMENSIONS OF EXISTING STRUCTURES WITH THOSE INDICATED ON CONSTRUCTION DRAWINGS. PRIOR TO ORDERING OF BESPOKE FITTINGS AND SEEK CLARIFICATION FROM THE CONSULTING ENGINEER WHERE NECESSARY.
 - THIS DRAWING TO BE READ WITH ALL RELEVANT CIVIL ENGINEERING DRAWINGS. SEE THE TABLE ON THIS DWG WITH NOTABLE DWGS.
 - THIS DRAWING TO BE READ WITH ALL RELEVANT MECHANICAL, ELECTRICAL AND ELECTRONIC ENGINEERING DRAWINGS.
 - REFER TO DRAWING 10909001-0106 FOR SITE LAYOUT GEOMETRY (DIMENSIONS).
 - THE CONTRACTOR SHALL COMPLETE DRAINING & CLEANING OF EXISTING CHANNELS (OTHER THAN BY-PASS) AND RECTANGULAR GRIT CHANNELS TO CONFIRM AS-BUILT MEASUREMENTS FOR CONCRETE STRUCTURES PRIOR TO COMMENCEMENT.
 - FOLLOWING CLEANING WORKS (SEE NOTE 5) THE CONTRACTOR SHALL CONFIRM INVERT LEVELS FOR CHANNEL BED (T/C) AS INDICATED IN SCOPE OF WORK (OC).
 - THE CONTRACTOR SHALL FIRST UNDERTAKE DEMOLITION & CONSTRUCTION OF NEW CHANNEL, VORTEX DEGRITTERS AND SLUICE VALVES / HAND-STOPS, PRIOR TO REFURB WORK ON BY-PASS CHANNEL.
 - THE CONTRACTOR SHALL ENSURE THAT SCREENINGS FROM EXISTING SCREEN (BY-PASS, MANUAL) AND NEW SCREENS (ONCE OPERATIONAL) ARE CONTINUOUSLY MONITORED AND COLLECTED. SCREENINGS DISPOSED OF IN ACCORDANCE WITH THE EMP FOR THE DURATION OF THE CONSTRUCTION CONTRACT UNCONTROLLED WASTEWATER FLOODING DUE TO NON-COMPLIANCE WITH THIS REQUIREMENT WILL RESULT IN PENALTIES AS SET-OUT IN THE CONTRACT.
 - THE CONTRACTORS H & S PLAN SHALL INCLUDE & MITIGATE FOR ALL RESIDUAL SAFETY HAZARDS INCLUDING BUT NOT LIMITED TO, WORK NEAR / OVER OPEN WATER, FALLING FROM HEIGHT, RISK OF ELECTRIC SHOCK (DEEP EXCAVATIONS, DEMOLITION WORK AND MOVING MACHINERY).

- LEGEND:
- REPLACEMENT FENCE TYPE 1
SEE DWG 10909001-0590 FOR DETAIL.
- PROPOSED GATE
- WASH-WATER BOOSTED MAIN
(125mm Ø PE100)
- LEGEND:
- BOQ: BILL OF QUANTITIES (SEE CONTRACT DOCUMENTS)
CE: CIVIL ENGINEERING
E: ELECTRICAL (& ELECTRONIC FOR MCC'S & TELEM)
M: MECHANICAL
MEICA: MECH ELECTRICAL INSTRUMENTATION CONTROL & AUTOMATION
T/C: TOP OF CONCRETE (NEW)
T/C (EX): TOP OF CONCRETE (EXISTING)
F.F.L: FINISHED FLOOR LEVEL (NEW)



FOR TENDER

100 MILLIMETRES ON ORIGINAL DRAWING

100 MILLIMETRES ON ORIGINAL DRAWING

BEFORE CONTRACT COMMENCES

AFTER CONSTRUCTION CONTRACT HAS COMMENCED

NO.	DATE	AMENDMENTS
(1)	2025-02-21	ISSUED FOR TENDER

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PROJECT
TSHIAME WWTW REFURBISHMENT
VCWB CONTRACT: BW298/TSHIWWTW/22

DRAWING DESCRIPTION
INLET WORKS LAYOUT: PROPOSED
REFURBISHMENT & ALTERATIONS
(OPTION A-PLUS)

DRAWING NO.	REVISION
10909001 - 0105	T1

DESIGNED:	GM	CHECKED:	GM
DRAWN:	HP	SCALE:	A0
APPROVED:	SHAREPOINT/BEENFORTEY	INCEPTION DATE:	2025-02-21
FILE PATH:	WWTW / 02 CONCEPT / 04 DRAW		

ISSUED FOR TENDER