

PARTS LIST			
No	ITEM	BRAND	PART NUMBER
1	3 - POLE MAIN SWITCH	SOCOME	SCOM803PD
1A	GENERATOR NEUTRAL POLE SWITCH	SOCOME	2200 1008
1B	AUXILIARY CONTACTS (2 SETS REQUIRED)	SOCOME	2299 0001
2A	63A NORMAL SUPPLY MAIN SWITCH	TERASAKI DIN-T10 SERIES	DTCB10363C
2B	50A GENERATOR SUPPLY MAIN SWITCH	TERASAKI DIN-T10 SERIES	DTCB10350C
3	32A 3Ø CIRCUIT BREAKER	TERASAKI DIN-T6 SERIES	DTCB6332C
4	PUMP CIRCUIT BREAKER		
	PUMP SIZE 0.37kW TO 0.55kW	SPRECHER + SCHUH	KTC 7-255-1.6A
	PUMP SIZE 0.75kW	SPRECHER + SCHUH	KTC 7-255-2.5A
	PUMP SIZE 0.75kW TO 1.5kW	SPRECHER + SCHUH	KTC 7-255-4A
	PUMP SIZE 2.2kW	SPRECHER + SCHUH	KTC 7-255-6.3A
	PUMP SIZE 3kW TO 4kW	SPRECHER + SCHUH	KTC 7-255-10A
	PUMP SIZE 5.5kW	SPRECHER + SCHUH	KTC 7-255-16A
4A	AUXILIARY CONTACT	SPRECHER + SCHUH	KT 7-PA1-11
	LOCKABLE TWIST KNOB	SPRECHER + SCHUH	KT 7-KN
5	2A 3Ø CIRCUIT BREAKER	TERASAKI DIN-T6 SERIES	DTCB6302C
6	20A 1Ø CIRCUIT BREAKER	TERASAKI DIN-T6 SERIES	DTCB6120C
7	16A 1Ø RCD	NHP MOD6 SERIES	M6RCBS-16-30-CAN
8	PUMP MAIN CONTACTOR	SPRECHER + SCHUH	CA7-12-10 240VAC
8A	AUX CONTACT	SPRECHER + SCHUH	CA7-PA-20
9	CURRENT TRANSFORMER	IME	TT35 10-30V DC (25A)
10	PHASE FAIL RELAY	CARLO GAVAZZI	DP4-01-D-M48
11	SURGE DIVERTER	CIRPROTEC	PSM4-40/400 TT IR
12	NEUTRAL SURGE TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
12A	EARTH SURGE TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
13	SURGE FILTER	EATON	CSFI 25A
14	10A 1Ø CIRCUIT BREAKER	TERASAKI DIN-T6 SERIES	DTCB6110C
14A	6A RCBO	NHP MOD6 SERIES	M6RCBS-06-30-CAN
15	24V DC SUPPLY	MEANWELL	DRP-240-24
16	240/24V AC TRANSFORMER	IME	24024100
17	TS40A TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
18	TS12 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
19	TS1 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
20	TS2 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
21	RELAY BASE	FINDER	94.04
22	CONTROL RELAY	FINDER	55.34.004 24VDC
23	TS20 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
24	TS30 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
25	TS10 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	FUSE TERMINALS	WEIDMULLER	WS16
	DIODE TERMINALS	WEIDMULLER	SAK SERIES
	END STOP	WEIDMULLER	WEW 35/2
26	TS11 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
27	RADIO	--	--
28	RADIO FAN	--	--
29	RADIO BRACKET	--	--
30	RTU	MOTOROLA	ACE3600
	RTU POWER SUPPLY	MOTOROLA	FPN1903A
	RTU CPU	MOTOROLA	FLN 4234
	RTU MIXED I/O MODULE	MOTOROLA	FLN 3572
	RTU 16 DI MODULE	MOTOROLA	FLN 3552
	RTU 8 DO MODULE	MOTOROLA	FLN 3605
	RTU 24V DC POWER SUPPLY	MOTOROLA	FPN 5976
	RTU 3 I/O CHASSIS	MOTOROLA	--
	RTU 8 AI MODULE	MOTOROLA	FLN 3566
	12V BATTERY	--	--
	BATTERY TEMPERATURE SENSOR	--	--

SEE NOTE 4

PARTS LIST			
No	ITEM	BRAND	PART NUMBER
31	TS1 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
32	TS2 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	TERMINAL BRIDGING	WEIDMULLER	--
33	TS3 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
34	TS4 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
35	TS5 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
36	TS5 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
37	TS7 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
38	TS8 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
39	FAN THERMOSTAT	COSMOTEC	KT501141
40	DOUBLE GPO	CLIPSAL	2025H-WE
41	TS1 TERMINAL STRIP (PF1EJ01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
42	TS2 TERMINAL STRIP (PF1EJ01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
43	FUSE BASE 100/100A (440V HRC CARTRIDGE TO AS2005)	HAGER B&R	LH901
	100A FUSE LINKS	OMEGA	EVC1036
44	HINGE AND PANEL FOR METER ASSEMBLY	HAGER B&R	KCN10022
45	SUPPLY AUTHORITY SMART METER	AMPY	--
46	FLOW METER	MJK	MAGFLUX
47	LEVEL TRANSMITTER (OPTION No 1)	VEGA	VEGAMET 391 XXHXX
	RADAR SENSING HEAD (OPTION No 1)	VEGA	VEGAPULS WL61 XXBXDHKTX
	SHUTTLE CONVERTER (OPTION No 2)	MJK	201210
48	PUMP	--	--
49	GENERATOR APPLIANCE INLET	PROCONNECT	3PSSA3NE01
50	COMPARTMENT LIGHT (500mm LED)	OCEAN CONTROLS	CSL-1240
50A	STRIP LIGHTING TERMINAL ADAPTER	OCEAN CONTROLS	CSL-001
51	FAN	COSMOTEC	GKV 1500211
	FAN GRILL & FILTER	COSMOTEC	GKF15
52	NEUTRAL LINK	HAGER B&R	KM06A
53	PILOT LIGHT	SPRECHER + SCHUH	D7 SERIES
54	PUSH BUTTON	SPRECHER + SCHUH	D7 SERIES
55	SELECTOR SWITCH	SPRECHER + SCHUH	D7 SERIES
56	PANEL DISPLAY	NOVUS	N1500
57	RS485 DISTRIBUTION BOARD	OCEAN CONTROLS	OCH-001
57A	MEMORY MODULE	OCEAN CONTROLS	KT-299
58	EARTH BRAIDS - TYPE MJB - 250mm	ERICO	556650
59	6A FUSE	WEIDMULLER	WS16
	END STOP	WEIDMULLER	WEW 35/2
60	12/24V DC CONVERTER	MEANWELL	SD-25A-24
	DIN RAIL MOUNTING KIT	MEANWELL	DINKIT1

NOTE 1:
ALL RTU EQUIPMENT DETAILED IN PARTS
LIST AVAILABLE FROM GIPPSLAND WATER

NOTE 2:
THIS EQUIPMENT IS PREFERRED BY GIPPSLAND WATER.
THE CONTRACTOR MAY PROPOSE ALTERNATIVES TO THESE,
HOWEVER MUST DEMONSTRATE AT THE TIME OF TENDER
THAT THE ALTERNATIVE IS ABLE TO MEET (AS A MINIMUM)
ALL REQUIREMENTS PROVIDED BY EQUIPMENT ON THIS LIST.

NOTE 3:
ALL ITEMS ON SINGLE LINE DIAGRAM ARE MINIMUM REQUIRED.

PARTS LIST			
No	ITEM	BRAND	PART NUMBER
61	TS9 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
62	TS10 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
63	TS11 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
64	TS12 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
65	TS13 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
66	TS14 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
67	TS15 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
68	TS16 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
69	TS17 TERMINAL STRIP (PF1EC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
70	EMERGENCY STORAGE LEVEL TRANSMITTER	VEGA	VEGADIS B2
	EMERGENCY STORAGE RADAR SENSOR HEAD	VEGA	VEGAPULS WL61 XXBXDHKTX

NOTE 4:
IF EMERGENCY STORAGE IS INSTALLED
RTU 3 I/O CHASSIS TO BE REPLACED WITH RTU 5 I/O CHASSIS.
THE FOLLOWING EQUIPMENT / ITEMS WILL BE REQUIRED
8 AI MODULE & ITEMS 61 TO 69.

REVISIONS	No.	DATE	DESCRIPTION	APP'D	REFERENCES	PLAN No.	TITLE
	13	10/11/20	ADDED NOTE 4 AND ITEMS 61 TO 69 & REVISED ITEM 13 DETAILS.	P.S.			
	12	9/11/18	CHANGED PHASE FAILURE RELAY (PFR) TYPE.	G.F.			
	11	16/11/17	REVISED EQUIPMENT DETAILS.	G.F.			
	10	12/7/17	REDRAWN IN DGN & REVISED ITEM 1.	P.S.			

DESIGNED BY:



DO NOT SCALE	GIPPSLAND WATER DRAWING STATUS	STANDARD DRAWING	GIPPSLAND WATER FACILITY CODE XXCPXX
CERTIFICATION OF COMPLIANCE WITH GIPPSLAND WATER'S DESIGN & DRAFTING REQUIREMENTS.			
DESIGNED: 12/07/2017 - GW STD DRG		DRAWING No. A1-48317	
DRAWN: 12/07/2017 - OPT/RJ		REV. 13	
CHECKED: 19/07/2017 - P STEWART		STANDARD SEWERAGE PUMP STATION PUMP STATION UP TO 5.5kW (DOL) PUMP STATION CUBICLE PARTS LIST	