

PARTS LIST			
No	ITEM	BRAND	PART NUMBER
1	3 - POLE MAIN SWITCH	SOCOMEQ	SCOM803PD
1A	GENERATOR NEUTRAL POLE SWITCH	SOCOMEQ	2200 1008
1B	AUXILIARY CONTACTS (2 SETS REQUIRED)	SOCOMEQ	2299 0001
	NORMAL SUPPLY MAIN SWITCH		
2A	PUMP SIZE 7.5kW TO 11kW - 63A	TERASAKI DIN-T10 SERIES	DTCB10363C
	PUMP SIZE 15kW TO 22kW - 80A	TERASAKI DIN-T10H SERIES	DINT10H380C
	GENERATOR SUPPLY MAIN SWITCH		
2B	PUMP SIZE 7.5kW TO 11kW - 63A	TERASAKI DIN-T10 SERIES	DTCB10363C
	PUMP SIZE 15kW TO 22kW - 80A	TERASAKI DIN-T10H SERIES	DINT10H380C
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3	CIRCUIT BREAKER & RCBO		
3A	32A 3Ø CB	TERASAKI DIN-T6 SERIES	DTCB6332C
3B	2A 3Ø CB	TERASAKI DIN-T6 SERIES	DTCB6302C
3C	20A 1Ø CB	TERASAKI DIN-T6 SERIES	DTCB6210C
3D	6A 1Ø CB	TERASAKI DIN-T6 SERIES	DTCB6106C
3E	6A 1Ø RCBO	NHP MOD6 SERIES	M6RCBS-06-30-CAN
3F	10A 1Ø CB	TERASAKI DIN-T6 SERIES	DTCB6110C
3G	16A 1Ø RCBO	NHP MOD6 SERIES	M6RCBS-16-30-CAN
	PUMP CIRCUIT BREAKER		
	PUMP SIZE 7.5kW - 16A	TERASAKI DIN-T6 SERIES	DTCB6316C
4	PUMP SIZE 11kW - 25A	TERASAKI DIN-T6 SERIES	DTCB6325C
	PUMP SIZE 15kW - 32A	TERASAKI DIN-T6 SERIES	DTCB6332C
	PUMP SIZE 18.5kW - 40A	TERASAKI DIN-T6 SERIES	DTCB6340C
	PUMP SIZE 22kW - 50A	TERASAKI DIN-T6 SERIES	DTCB6350C
5	6A DC CB	TERASAKI DIN-T DC SERIES	DTCBDC106C
6	RELAY BASE	FINDER	94.04
7	CONTROL RELAY	FINDER	55.34.004 24VDC
8	TS20 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	--
9	TS30 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	--
10	PHASE FAIL RELAY	CHARO GAVAZZI	DPA-01-D-M48
11	SURGE DIVERTER	CIRPROTEC	PSM4-40/400 TT IR
12	SFN TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
13	SFE TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
	TERMINAL BRIDGING	WEIDMULLER	--
14	SURGE FILTER	EATON	CSFI 25A
15	24V DC SUPPLY	MEANWELL	DRP-240-24
16	240/24V AC TRANSFORMER	IME	240Z4100
17	TS40 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
	END STOP	WEIDMULLER	WEW 35/2
	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	TS10 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	FUSE TERMINALS	WEIDMULLER	WS16
	DIODE TERMINALS	WEIDMULLER	WTR SERIES
	END STOP	WEIDMULLER	WEW 35/2
21A	TS11 TERMINAL STRIP (PF1ED01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2

PARTS LIST			
No	ITEM	BRAND	PART NUMBER
22	PASSIVE HARMONIC FILTER AHF 010 IP20, 415V, 50Hz		
	PUMP SIZE 7.5kW - 14A	DANFOSS	130B1058
	PUMP SIZE 11kW - 22A	DANFOSS	130B1059
	PUMP SIZE 15kW - 29A	DANFOSS	130B1089
	PUMP SIZE 18.5kW - 34A	DANFOSS	130B1094
	PUMP SIZE 22kW - 40A	DANFOSS	130B1111
23	VSD FREQUENCY CONVERTER FC 202 IP20, 415V, 50Hz		
	WITH LCP REMOTE MOUNT KIT		
	PUMP SIZE 7.5kW - 16A	DANFOSS	P7K5
	PUMP SIZE 11kW - 24A	DANFOSS	P11K
	PUMP SIZE 15kW - 32A	DANFOSS	P15K
	PUMP SIZE 18.5kW - 37.5A	DANFOSS	P18K
	PUMP SIZE 22kW - 44A	DANFOSS	P22K
24	MOTOR FUSE		
	PUMP SIZE 7.5kW - 32A	SIBA FUSES	50 142 06.32
	PUMP SIZE 11kW - 40A	SIBA FUSES	50 142 06.40
	PUMP SIZE 15kW - 40A	SIBA FUSES	50 142 06.40
	PUMP SIZE 18.5kW - 50A	SIBA FUSES	50 142 06.50
	PUMP SIZE 22kW - 63A	SIBA FUSES	50 142 06.63
24A	FUSEHOLDER 3 POLE		
	PUMP SIZE 7.5kW - 22kW 3PH	SIBA FUSES	51 060 04.3S
25	FAN THERMOSTAT	COSMOTEC	KT501141
26	PHF CONTACTOR		
	PUMP SIZE 7.5kW TO 15kW - 9A	SPRECHER + SCHUH	CA7-9-10 240VAC
	PUMP SIZE 18.5kW TO 22kW - 16A	SPRECHER + SCHUH	CA7-16-10 240VAC
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	--
	12V BATTERY	--	--
	BATTERY TEMPERATURE SENSOR	--	--
31	TS1 TERMINAL STRIP (PFIEC02)	--	--
	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 (PFIEC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	TERMINAL BRIDGING	WEIDMULLER	--
33	TS3 TERMINAL STRIP (PFIEC02)	--	--
	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 (PFIEC02)	--	--
	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 (PFIEC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	FUSE TERMINAL	WEIDMULLER	WS16
	SPADE TERMINAL	WEIDMULLER	WTR 2.5 (1855620000)
	TERMINALS	WEIDMULLER	WDU SERIES
36	TS6 TERMINAL STRIP (PFIEC02)	--	--
	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 (PFIEC02)	--	--
	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 (PFIEC02)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
39	RS485 DISTRIBUTION BOARD	OCEAN CONTROLS	OCH-001
40	MEMORY MODULE	OCEAN CONTROLS	KT-299

PARTS LIST			
No	ITEM	BRAND	PART NUMBER
41	12/24V DC CONVERTER	MEANWELL	SD-25A-24
	DIN RAIL MOUNTING KIT	MEANWELL	DINKI11
42	DOUBLE GPO	CLIPSAI	--
43	FUSE BASE 100/100A (440V HRC CARTRIDGE TO A5200S)	HAGER B&R	LH901
	100A FUSE LINKS	OMEGA	ECV1036
44	NEUTRAL LINK	HAGER B&R	KM06A
45	HINGE AND PANEL FOR METER ASSEMBLY	HAGER B&R	KCN10022
46	SUPPLY AUTHORITY SMART METER	AMPY	--
47	FLOW METER	MJK	MAGFLUX
48	LEVEL TRANSMITTER OPTION 1	--	--
	LEVEL TRANSMITTER	VEGA	VEGAMET 391 XXHX
	RADAR SENSING HEAD	VEGA	VEGAPULS WL61 XXBXDHKT
	LEVEL TRANSMITTER OPTION 2	--	--
	SHUTTLE CONVERTER	MJK	202110
49	6A FUSE	WEIDMULLER	WS16
	END STOP	WEIDMULLER	WEW 35/2
50	PUMP	--	--
	PUMP SIZE 7.5kW - 16A	--	--
	PUMP SIZE 11kW - 22A	--	--
	PUMP SIZE 15kW - 29A	--	--
	PUMP SIZE 18.5kW - 34A	--	--
	PUMP SIZE 22kW - 40A	--	--
51	GENERATOR PLUG INLET		
	PUMP SIZE 7.5kW TO 22kW - 50A	PROCONNECT	3P53A3NE01
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	COMPARTMENT LIGHT (500mm LED)	OCEAN CONTROLS	CSL-1240
52A	STRIP LIGHTING TERMINAL ADAPTER	OCEAN CONTROLS	CSL-001
53	--	--	--
54	PILOT LIGHT	SPRECHER + SCHUH	D7 SERIES
55	PUSH BUTTON	SPRECHER + SCHUH	D7 SERIES
56	SELECTOR SWITCH	SPRECHER + SCHUH	D7 SERIES
57	PANEL DISPLAY	NOVUS	N1500
58A	FAN	COSMOTEC	GKV2501220
	FAN GRILL & FILTER	COSMOTEC	--
58B	FAN	COSMOTEC	GKV25P1220
	FAN GRILL & FILTER	COSMOTEC	--
59	FAN	COSMOTEC	GKV1500211
	FAN GRILL & FILTER	COSMOTEC	GKF15
60A	TS1 TERMINAL STRIP (PF1EJ01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
60B	TS1 TERMINAL STRIP (PF1EJ01)	--	--
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
61	TS2 TERMINAL STRIP (PF1EJ01)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES
	END STOP	WEIDMULLER	WEW 35/2
62	EARTH BRAIDS - TYPE MJB - 250mm	ERICO	556650
63	EMERGENCY STORAGE LEVEL TRANSMITTER	VEGA	VEGADIS 82
	EMERGENCY STORAGE RADAR SENSOR HEAD	VEGA	VEGAPULS WL61 XXBXDHKT


REFER MOTOR CABLE SIZE
ON DRAWING A1-47805
FOR TERMINAL SIZE

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.

REVISIONS					REFERENCES		
	11	29/3/21	ADDED ITEM 63 / REVISED ITEMS 1/2/3/4/5/14 & RE-DRAWN IN DGN FORMAT.	P.S.		A1-47775	STD SPS - PUMP STN 7.5kW TO 22kW (VSD) - DIRECT METERED - I & C - DRG INDEX
	No.	DATE	DESCRIPTION	APP'D		PLAN No.	TITLE

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: 19/04/2010 - GW/STD DRAWN: 29/03/2021 - OPT/RJ CHECKED: 31/03/2021 - P STEWART		GIPPSLAND WATER STANDARD SEWERAGE PUMP STATION PUMP STATION 7.5kw to 22kw (VSD) - DIRECT METERED PUMP STATION CUBICLE PARTS LIST	
		DRAWING No. A1-48319	REV. 11