

PARTS LIST				PARTS LIST			
No	ITEM	BRAND	PART NUMBER	No	ITEM	BRAND	PART NUMBER
1	3 - POLE MAIN SWITCH	KRAUS & NAIMER	C80 A212-600VE AUS0113 BREAK BEFORE MAKE	30	RTU	MOTOROLA	ACE3600
2	NORMAL SUPPLY MAIN SWITCH CB				RTU POWER SUPPLY	MOTOROLA	FPN1903A
	PUMP SIZE 7.5 kW - 63A	TERASAKI DIN-T10 SERIES	DTCB10363C		RTU CPU	MOTOROLA	FLN3524A
	PUMP SIZE 15 kW TO 22kW - 80A	TERASAKI DIN-T10H SERIES	DTCB10H380C		RTU 32 DI/DO FET MODULE	MOTOROLA	FLN 3554
	-	-	-		RTU 4 AO & 8 AI MODULE	MOTOROLA	FPN 3816
3	GENERATOR SUPPLY MAIN SWITCH CB				RTU 3 I/O CHASSIS	MOTOROLA	--
	PUMP SIZE 7.5 kW - 50A	TERASAKI DIN-T10 SERIES	DTCB10350C		12V BATTERY	--	--
	PUMP SIZE 15 kW TO 22kW - 80A	TERASAKI DIN-T10H SERIES	DTCB10H380C		BATTERY TEMPERATURE SENSOR	--	--
	-	-	-	31	TS1 TERMINAL STRIP (TEL)	--	--
4	CIRCUIT BREAKER				NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
4A	32A CB	TERASAKI DIN-T6 SERIES	DTCB6132C		TERMINALS	WEIDMULLER	WDU SERIES
4B	2A CB	TERASAKI DIN-T6 SERIES	DTCB6102C		EARTH TERMINALS	WEIDMULLER	WDU SERIES
4C	20A CB	TERASAKI DIN-T6 SERIES	DTCB6120C		END STOP	WEIDMULLER	WEW 35/2
4D	6A CB	TERASAKI DIN-T6 SERIES	DTCB6106C		TERMINAL BRIDGING	WEIDMULLER	--
5	PUMP CIRCUIT BREAKER			32	TS2 TERMINAL STRIP (TEL)	--	--
	PUMP SIZE 7.5kW - 25A	TERASAKI DIN-T6 SERIES	DTCB6325C		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	PUMP SIZE 15kW - 40A	TERASAKI DIN-T6 SERIES	DTCB6340C		TERMINALS	WEIDMULLER	WDU SERIES
	PUMP SIZE 18.5kW - 50A	TERASAKI DIN-T6 SERIES	DTCB6350C		EARTH TERMINALS	WEIDMULLER	WDU SERIES
	PUMP SIZE 22kW - 63A	TERASAKI DIN-T6 SERIES	DTCB6363B		END STOP	WEIDMULLER	WEW 35/2
	-	-	-		TERMINAL BRIDGING	WEIDMULLER	--
6	16A 1Ø RCD	TERASAKI DIN-SAFE 6KA	DSRCB-S-16-30-C	33	TS3 TERMINAL STRIP (TEL)	--	--
7	PHASE FAIL RELAY	CARLO GAVAZZI	DPA-01-D-M48		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
8	SURGE DIVERTER	TITAN	DRIP20K2305DC		FUSE TERMINAL	WEIDMULLER	WS16
9A	NEUTRAL SURGE TERMINAL STRIP (CC)	--	--		SPADE TERMINAL	WEIDMULLER	WTR SERIES
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER		TERMINALS	WEIDMULLER	WDU SERIES
	TERMINALS	WEIDMULLER	WDU SERIES		END STOP	WEIDMULLER	WEW 35/2
	END STOP	WEIDMULLER	WEW 35/2	34	TS4 TERMINAL STRIP (TEL)	--	--
	TERMINAL BRIDGING	WEIDMULLER	--		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
9B	EARTH SURGE TERMINAL STRIP (CC)	--	--		FUSE TERMINAL	WEIDMULLER	WS16
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER		SPADE TERMINAL	WEIDMULLER	WTR SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES		TERMINALS	WEIDMULLER	WDU SERIES
	TERMINAL BRIDGING	WEIDMULLER	--		END STOP	WEIDMULLER	WEW 35/2
10	SURGE FILTER	CRITEC	DSF 20A 275V	35	TS5 TERMINAL STRIP (TEL)	--	--
11	SOFT STARTER - DANFOSS MCD 500 SERIES				NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	B: INTERNALLY BYPASSED				FUSE TERMINAL	WEIDMULLER	WS16
	TS: 200 - 525 VAC				SPADE TERMINAL	WEIDMULLER	WTR SERIES
	G: FRAME SIZE 1				TERMINALS	WEIDMULLER	WDU SERIES
	IP20, CV: 240VAC				END STOP	WEIDMULLER	WEW 35/2
	PUMP SIZE 7.5kW - 21A	DANFOSS	175G5525	36	TS6 TERMINAL STRIP (TEL)	--	--
	PUMP SIZE 15kW - 37A	DANFOSS	175G5526		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	PUMP SIZE 18.5kW - 43A	DANFOSS	175G5527		FUSE TERMINAL	WEIDMULLER	WS16
	PUMP SIZE 22kW - 53A	DANFOSS	175G5528		SPADE TERMINAL	WEIDMULLER	WTR SERIES
	REMOTE CONTROL PANEL LCP 501	DANFOSS	175G0096		TERMINALS	WEIDMULLER	WDU SERIES
12	6A CIRCUIT BREAKER	TERASAKI	DIN-T6 SERIES		EARTH TERMINALS	WEIDMULLER	WDU SERIES
13	24V DC SUPPLY	MEANWELL	DRP-240-24		END STOP	WEIDMULLER	WEW 35/2
14	240/24V AC TRANSFORMER	IME	24024100	37	TS7 TERMINAL STRIP (TEL)	--	--
15	TS40A TERMINAL STRIP (CC)	--	--		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER		TERMINALS	WEIDMULLER	WDU SERIES
	TERMINALS	WEIDMULLER	WDU SERIES		EARTH TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES		END STOP	WEIDMULLER	WEW 35/2
	END STOP	WEIDMULLER	WEW 35/2		TERMINAL BRIDGING	WEIDMULLER	--
16	TS12 TERMINAL STRIP (CC)	--	--	38	TS8 TERMINAL STRIP (TEL)	--	--
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	TERMINALS	WEIDMULLER	WDU SERIES		TERMINALS	WEIDMULLER	WDU SERIES
	EARTH TERMINALS	WEIDMULLER	WDU SERIES		END STOP	WEIDMULLER	WEW 35/2
	END STOP	WEIDMULLER	WEW 35/2	39	FAN THERMOSTAT	COSMOTEC	KT501141
17	TS1 TERMINAL STRIP (CC)	--	--	40	DOUBLE GPO	CLIPSAL	2025H-WE
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER	41A/B	TS1 TERMINAL STRIP (PF1EJ01)	--	--
	TERMINALS	WEIDMULLER	WDU SERIES		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	END STOP	WEIDMULLER	WEW 35/2		TERMINALS	WEIDMULLER	WDU SERIES
	TERMINAL BRIDGING	WEIDMULLER	--		TERMINAL SEPARATOR	WEIDMULLER	--
18	TS2 TERMINAL STRIP (CC)	--	--		END STOP	WEIDMULLER	WEW 35/2
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER	42	TS2 TERMINAL STRIP (PF1EJ01)	--	--
	TERMINALS	WEIDMULLER	WDU SERIES		NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER
	END STOP	WEIDMULLER	WEW 35/2		TERMINALS	WEIDMULLER	WDU SERIES
	TERMINAL BRIDGING	WEIDMULLER	--		END STOP	WEIDMULLER	WEW 35/2
19	TS10 TERMINAL STRIP (CC)	--	--	43	FUSE BASE 100/100A (440V HRC CARTRIDGE TO AS2005)	HAGER B&R	LH901
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER		100A FUSE LINKS	OMEGA	EVC1036
	TERMINALS	WEIDMULLER	WDU SERIES	44	HINGE AND PANEL FOR METER ASSEMBLY	HAGER B&R	KCN10022
	FUSE TERMINALS	WEIDMULLER	WS16	45	SUPPLY AUTHORITY SMART METER	AMPY	--
	DIODE TERMINALS	WEIDMULLER	WTR SERIES	46	FLOW METER	MJK	MAGFLUX
	END STOP	WEIDMULLER	WEW 35/2	47	SHUTTLE CONVERTER (OPTION No 1)	MJK	201210
20	TS11 TERMINAL STRIP (CC)	--	--		LEVEL TRANSMITTER (OPTION No 2)	VEGA	VEGAMET 391 XXHXX
	NAME PLATE HOLDER	WEIDMULLER	TS35 SIGHTS & COVER		RADAR SENSOR HEAD (OPTION No 2)	VEGA	VEGAPULS WL61 XXBXDHKTX
	TERMINALS	WEIDMULLER	WDU SERIES	48	PUMP	--	--
	END STOP	WEIDMULLER	WEW 35/2	49	GENERATOR PLUG INLET		
21	RELAY BASE	FINDER	94.04		PUMP SIZE 7.5kW - 50A	WILCO	WIBM550R-GREY
22	CONTROL RELAY	FINDER	55.34.004 24VDC		PUMP SIZE 15kW TO 22kW - 100A	PROCONNECT	3P59A3NE01
23	--	--	--		100A - GENERATOR PLUG MOUNTING BOX	ABB	1SL085A00
24	--	--	--	50	COMPARTMENT LIGHT	OCEAN CONTROLS	CSL-1240
25	--	--	--	51	FAN	COSMOTEC	GKV 1500211
26	--	--	--		FAN GRILL & FILTER	COSMOTEC	GKF15
27	RADIO	--	--	52	NEUTRAL LINK	HAGER B&R	KM06A
28	RADIO FAN	--	--	53	PILOT LIGHT	SPRECHER + SCHUH	D7 SERIES
29	RADIO BRACKET	--	--	54	PUSH BUTTON	SPRECHER + SCHUH	D7 SERIES
				55	SELECTOR SWITCH	SPRECHER + SCHUH	D7 SERIES
				56	PANEL DISPLAY	NOVUS	N1500
				57	12/24V DC CONVERTER	MEANWELL	SD-24A-24
					DIN RAIL MOUNTING KIT	MEANWELL	DINKIT1
				58	--	--	--
				59	--	--	--
				60	--	--	--
				61	--	--	--
				62	--	--	--
				63	RS485 DISTRIBUTION BOARD	OCEAN CONTROLS	OCH-001
				64	EARTH BRAIDS - TYPE MJB - 250mm	ERICO	556650

6

9/11/18

CHANGED PHASE FAILURE RELAY (PFR) TYPE.

G.F.

5

19/4/17

ADDED ITEM 47 VEGAMET 391 LEVEL TRANSMITTER.

P.S.

4

14/9/15

ADDED PART DETAILS FOR ITEM 47.

M.S.

3

19/8/15

REVISED PART DETAILS FOR ITEMS 4D / 5 - APPROVED STANDARD DRG.

M.S.

2

22/6/15

REVISED PART DETAILS FOR ITEM 11.

M.S.

1

19/5/15

REVISED PART DETAILS FOR ITEMS 2 / 3 / 49.

M.S.

No.

DATE

DESCRIPTION

APP'D

REFERENCES

A1-58850

STANDARD SPS - PUMP STATION 7.5kW TO 22kW (SOFT STARTER) - I & C - DRAWING INDEX

DESIGNED BY:

OPTIMUM

DRAFTING PTY LTD

A.B.N. 28 065 272 942

DO NOT SCALE

CERTIFICATION OF COMPLIANCE WITH GIPPSLAND WATER'S DESIGN & DRAFTING REQUIREMENTS.

DESIGNED: 25/03/2015 - M SENANAYAKE

DRAWN: 27/03/2015 - OPT/MM

CHECKED: 01/04/2015 - M SENANAYAKE

GIPPSLAND WATER FACILITY CODE

XXCPXX

DRAWING No.

A1-58866

REV.

6

GIPPSLAND WATER

STANDARD SEWERAGE PUMP STATION

PUMP STATION 7.5kW TO 22kW (SOFT STARTER)

PARTS LIST

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:

FOR MOTOR TERMINAL SIZES REFER TO MOTOR CABLE SIZE TABLE ON DRG A2-58865