



CABLE NUMBER	FROM DESCRIPTION	TO DESCRIPTION	CORES	SIZE (mm <sup>2</sup> )	MATERIAL
PF1EP01-PC01	SUPPLY AUTHORITY	METERING COMPARTMENT (PF1EP01)	4C	REFER TABLE BELOW	X90 COPPER
QB1PP01-PC01	JUNCTION BOX (PF1EJ01)	PUMP No 1 MOTOR (QB1PP01)	3C + E +2C Control	REFER TABLE BELOW	X90 COPPER SUBMERSIBLE
QB1PP01-PC02	DISTRIBUTION & CONTROL COMPARTMENT (PF1ED01)	JUNCTION BOX (PF1EJ01)	3C + E +2C Control	REFER TABLE BELOW	X90 COPPER
QB1PP02-PC01	JUNCTION BOX (PF1EJ01)	PUMP No 2 MOTOR (QB1PP02)	3C + E +2C Control	REFER TABLE BELOW	X90 COPPER SUBMERSIBLE
QB1PP02-PC02	DISTRIBUTION & CONTROL COMPARTMENT (PF1ED01)	JUNCTION BOX (PF1EJ01)	3C + E +2C Control	REFER TABLE BELOW	X90 COPPER
QB1CA01FE1-CC01	INSTRUMENT COMPARTMENT (PF1EC01)	FLOW SENSING ELEMENT (QB1 CA01 FE1)	-	-	MANUFACTURER CABLE
QB1AW01LE1-CC01	INSTRUMENT COMPARTMENT (PF1EC01)	LEVEL SENSING ELEMENT (QB1 AW01 LE1)	-	-	MANUFACTURER CABLE
QB1AW01LS1-CC01	JUNCTION BOX (PF1EJ01)	HIGH LEVEL FLOAT SW (QB1 AW01 LS1)	2C + E	1.5	X90 COPPER SUBMERSIBLE
QB1AW01LS3-CC01	JUNCTION BOX (PF1EJ01)	HIGH HIGH LEVEL FLOAT SW (QB1 AW01 LS3)	2C + E	1.5	X90 COPPER SUBMERSIBLE
QB1AW01LS5-CC01	JUNCTION BOX (PF1EJ01)	WET WELL OVERFLOW FLOAT SW (QB1 AW01 LS5)	2C + E	1.5	X90 COPPER SUBMERSIBLE
PB1CA01FS1-CC01	JUNCTION BOX (PF1EJ01)	WASH WELL FLOW SWITCH (PB1 CA01 FS1)	2C + E	1.5	X90 COPPER
PF1EJ01-CC01	TELEMETRY COMPARTMENT (PF1EC02)	JUNCTION BOX (PF1EJ01)	6pr+SCR	0.5	DECRON SCREENED
QB1VS06-CC01	JUNCTION BOX (PF1EJ01)	WASH WELL SOLENOID VALVE (QB1VS06)	2C + E	1.5	X90 COPPER
QB1VS06-CC02	DISTRIBUTION & CONTROL COMPARTMENT (PF1ED01)	TELEMETRY COMPARTMENT (PF1EC02)	1pr+SCR	0.5	DECRON SCREENED
PF1EP01-CC01	METERING COMPARTMENT (PF1EP01)	TELEMETRY COMPARTMENT (PF1EC02)	1pr+SCR	0.5	DECRON SCREENED

SUPPLY CABLE SIZE	
MOTOR RATING	CABLE SIZE
7.5kW TO 18.5kW	16mm <sup>2</sup>
22kW	25mm <sup>2</sup>

MOTOR CABLE SIZE		
MOTOR RATING	SS RATING	CABLE SIZE
7.5kW	Z1 A	4mm <sup>2</sup>
15kW	37 A	6mm <sup>2</sup>
18.5kW	43 A	10mm <sup>2</sup>
22kW	53 A	10mm <sup>2</sup>

REVISIONS		REFERENCES	
No.	DATE	DESCRIPTION	APP'D
2	19/8/15	ADDED NEW GW SHT - APPROVED STANDARD DRG.	M.S.
1	13/6/15	REVISED MOTOR CABLE SIZE TABLE.	M.S.
0	27/3/15	INITIAL ISSUE.	M.S.
		PLAN No.	TITLE

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

STANDARD SEWERAGE PUMP STATION  
PUMP STATION 7.5kW TO 22kW (SOFT STARTER)  
CABLE BLOCK & CABLE LISTING  
DIAGRAM

GIPPSLAND WATER FACILITY CODE  
XXCPXX

DRAWING No.  
A1-58865

REV.  
2