



MOTOR CABLE SIZE	
MOTOR RATING	CABLE SIZE
UP TO, & 7.5kW	4mm <sup>2</sup>
11kW	4mm <sup>2</sup>
15kW	6mm <sup>2</sup>
18.5kW	10mm <sup>2</sup>
22kW	10mm <sup>2</sup>

SUPPLY CABLE SIZE	
MOTOR RATING	CABLE SIZE
7.5kW TO 11kW	16mm <sup>2</sup>
15kW TO 22kW	25mm <sup>2</sup>

CABLE NUMBER	FROM DESCRIPTION	TO DESCRIPTION	CORES	SIZE (mm <sup>2</sup> )	MATERIAL
PF1EP01-PC01	SUPPLY AUTHORITY	METER PANEL COMPARTMENT (PF1EP01)	4C	(REFER TABLE)	X90 COPPER
PF1EP01-CC01	METER PANEL COMPARTMENT (PF1EP01)	TELEMETRY COMPARTMENT (PF1EC02)	1pr + E	0.5	DECRON SCREENED
QB1PP01-PC01	JUNCTION BOX (PF1EJ01)	PUMP No 1 MOTOR (QB1PP01)	3C + E +2C Control	(REFER TABLE)	X90 COPPER SCREENED SUBMERSIBLE
QB1PP01-PC02	VSD COMPARTMENT (PF1EC03)	JUNCTION BOX (PF1EJ01)	3C + E +2C Control	(REFER TABLE)	X90 COPPER SCREENED
QB1PP02-PC01	JUNCTION BOX (PF1EJ01)	PUMP No 2 MOTOR (QB1PP02)	3C + E +2C Control	(REFER TABLE)	X90 COPPER SCREENED SUBMERSIBLE
QB1PP02-PC02	VSD COMPARTMENT (PF1EC03)	JUNCTION BOX (PF1EJ01)	3C + E +2C Control	(REFER TABLE)	X90 COPPER SCREENED
QB1PP01SC1-CC01	CONT & DIST COMPARTMENT (PF1ED01)	VSD COMPARTMENT (PF1EC03)	10pr + E	0.5	DECRON SCREENED
QB1PP02SC1-CC01	CONT & DIST COMPARTMENT (PF1ED01)	VSD COMPARTMENT (PF1EC03)	10pr + E	0.5	DECRON SCREENED
QB1PP01SC1-COM1	TELEMETRY COMPARTMENT (PF1EC02)	VSD COMPARTMENT (PF1EC03)	1pr + E	0.5	DECRON SCREENED
QB1PP02SC1-COM1	TELEMETRY COMPARTMENT (PF1EC02)	VSD COMPARTMENT (PF1EC03)	1pr + E	0.5	DECRON SCREENED
QB1CA01FE1-CC01	INSTRUMENT COMPARTMENT (PF1EC01)	FLOW SENSING ELEMENT (QB1 CA01 FE1)	-	-	MANUFACTURER CABLE
QB1SA01LE1-CC01	INSTRUMENT COMPARTMENT (PF1EC01)	WET WELL LEVEL SENSING ELEMENT (QB1 SA01 LE1)	-	-	MANUFACTURER CABLE
QB1SA02LE1-CC01	INSTRUMENT COMPARTMENT (PF1EC01)	EMERG STORAGE LEVEL SENSING ELEMENT (QB1 SA02 LE1)	-	-	MANUFACTURER CABLE
PF1EJ01-CC01	JUNCTION BOX (PF1EJ01)	CONT & DIST COMPARTMENT (PF1ED01)	6pr + E	0.5	DECRON SCREENED
PF1EJ01-CC02	JUNCTION BOX (PF1EJ01)	TELEMETRY COMPARTMENT (PF1EC02)	6pr + E	0.5	DECRON SCREENED
QB1SA01LS1-CC01	JUNCTION BOX (PF1EJ01)	HIGH LEVEL FLOAT SW (QB1 SA01 LS1)	2C + E	1.5	X90 COPPER SCREENED SUBMERSIBLE
QB1SA01LS3-CC01	JUNCTION BOX (PF1EJ01)	HIGH HIGH LEVEL FLOAT SW (QB1 SA01 LS3)	2C + E	1.5	X90 COPPER SCREENED SUBMERSIBLE
QB1SA01LS5-CC01	JUNCTION BOX (PF1EJ01)	WET WELL OVERFLOW LEVEL FLOAT SW (QB1 SA01 LS5)	2C + E	1.5	X90 COPPER SCREENED SUBMERSIBLE
QB1SA01LS7-CC01	JUNCTION BOX (PF1EJ01)	WET WELL EMERG STGE INFLOW FLT SW (QB1 SA01 LS7)	2C + E	1.5	X90 COPPER SUBMERSIBLE
QB1SA02LS1-CC01	JUNCTION BOX (PF1EJ01)	EMERGENCY STORAGE HIGH FLOAT SW (QB1 SA02 LS1)	2C + E	1.5	X90 COPPER SUBMERSIBLE
PB1VS05-CC01	JUNCTION BOX (PF1EJ01)	WASH WELL SOLENOID VALVE (PB1VS05)	2C + E	1.5	X90 COPPER SCREENED
PB1CA01FS1-CC01	JUNCTION BOX (PF1EJ01)	WET WELL FLOW SW (PB1 CA01 FS1)	2C + E	1.5	X90 COPPER SCREENED

REMOVE IF EMERGENCY STORAGE NOT REQUIRED

REV. NO.	DATE	DESCRIPTION	APP'D	REV. NO.	PLAN No.	TITLE
7	29/3/21	REVISED GW ASSET NUMBERS & RE-DRAWN IN DGN FORMAT.	P.S.	A1-47775	STD SPS - PUMP STN 7.5kW TO 22kW (VSD) - DIRECT METERED - I & C - DRG INDEX	

DESIGNED BY:

**OPTIMUM**  
DRAFTING PTY LTD  
A.B.N. 28 065 272 942

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

DRAWING No. **A1-47799** REV. **7**

STANDARD SEWERAGE PUMP STATION  
PUMP STATION 7.5kW TO 22kW (VSD) - DIRECT METERED  
CABLE BLOCK  
CABLE LISTING DIAGRAM