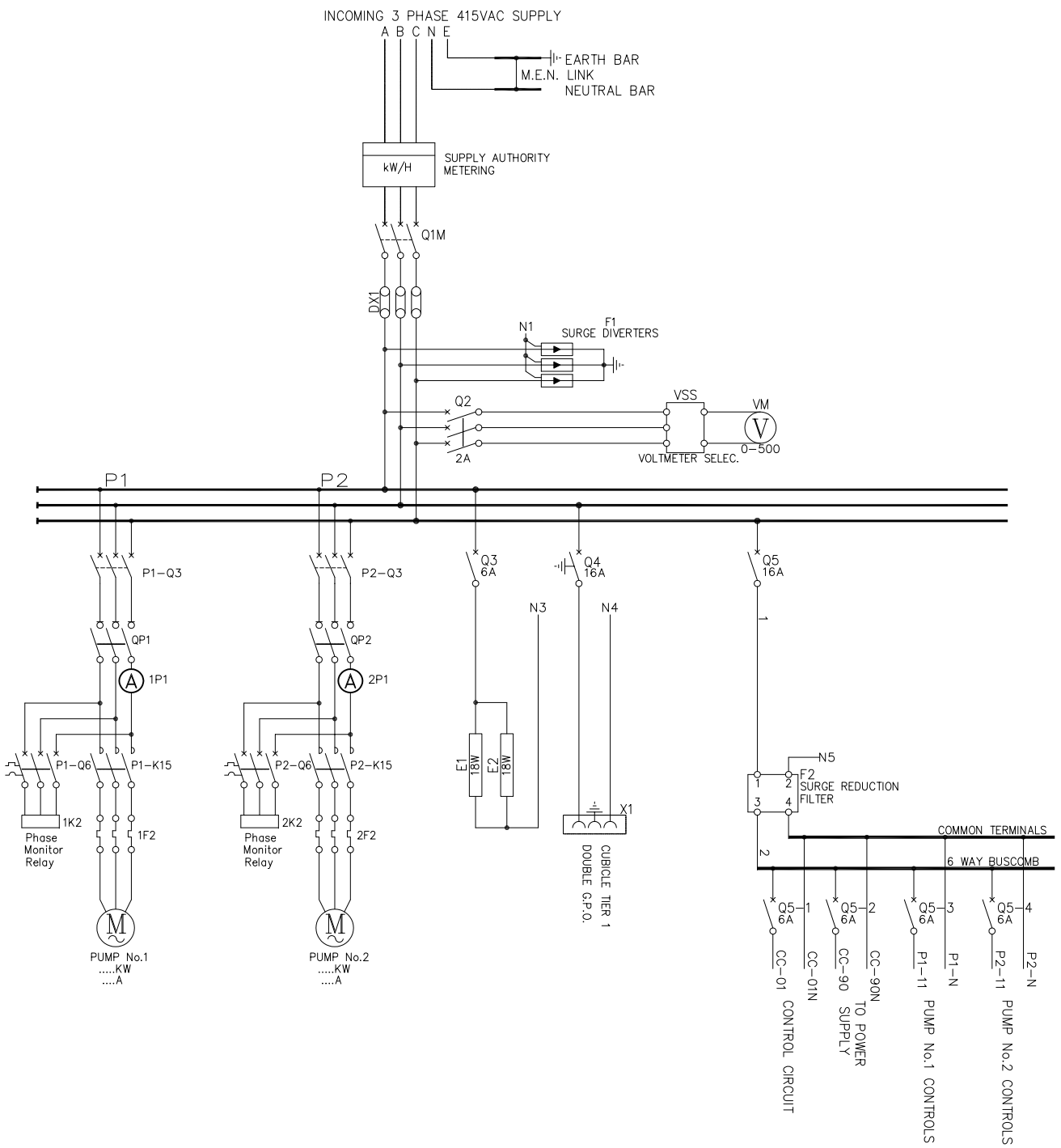

Item	Description	Cat No.	Qty	Manufacturer
			2	
Q1M	Circuit Breaker		1	
MTRA	Backup Level Relay MTRA or approved equal	MTRA	1	Multitrode
DX1	Single Pole Distribution Block		3	
F1	Surge Diverter Dinline 40kA or approved equal	DSD140-2S	3	(ECO) Critec
Q2	Circuit Breaker 2A		1	
VSS	Voltmeter Selector Switch PH-PH-N		1	
VM	Voltmeter Direct Connect 72x72mm 0-500V		1	
1K2, 2K2	Phase Failure Relays		2	
1F2, 2F2	Thermal O/Loads		2	
Q3, Q5-1 to 4	Circuit Breaker 1Pole 6Amp		5	
Q5	Circuit Breaker 1 Pole 16Amp		1	
Q4	RCD Circuit Breaker RCBO 16A 1P 30mA		1	
E1,E2	Light Fittings 13W c/w Switch		2	
F2	Surge Filter Dinline 10A 1P or approved equal	DSF-10A-275V	1	(ECO) Critec
X1	GPO		1	
T1	Transformer 415/240/24Vac 63VA		1	
CC-Q8	Circuit Breaker		1	
CC-S9	Selector Switch Head 3Pos		1	
	Switch Body 2-N/O		1	
PS13	Power Supply /Battery charger 240/12VDC		1	
CC-Q15	Circuit Breaker		1	
CC-Q16	Circuit Breaker		1	
CC-K17,K21,K41,K42.	Plug In Relay +Led 4 C/O 5A		4	
CC-K43,K45,K78,K80.	Plug In Relay +Led 4 C/O 5A (with reverse emf diode)		4	
	RXN Relay Base		3	
CC-K41T	Timer Delay 1 C/O Multivoltage On & Off		1	
CC-H43	Pilot Light 24V (Green)		1	
CC-P58	Panel Digital level Indicator or approved equal		1	HAWK OR VEGA
1P1, 2P1	Ammeter and Transducer		2	
CC-S48a,S48b	Limit Switch 1-N/O 1-N/C		2	
P1,P2-Q3	Circuit Breaker		2	
P1,P2-Q6	Circuit Breaker		2	
P1-K15	Contactor 3P 415V		1	
P2-K15	Contactor 3P 415V		1	
P1,P2-K18	Seal fail relay or approved equal	Tritronics Seal fail relay	2	Control Logic
P1,P2-S9	Selector Switch Head 3Pos		2	
1K3, 2K3	Relay 240V		2	
	Terminal 4mm Grey		50	
	End plate 4mm		5	
	End plate 16mm		1	
	End Stop		6	
CC-E1	Thermostat		2	
P1,P2-H20	Pilot Light 240V (Red)		2	
QP1, QP2	Motor Isolator		2	
CC-E2	Cooling Fan		1	
VS1	Well washer solenoid valve		1	
LT	Level transmitter or approved equal		1	HAWK OR VEGA
RTU	Kingfisher SII or approved equal		1	Kingfisher
	RTU Power supply		1	
	RTU Battery		1	
	Radio		1	
	Coax Surge diverter		1	
B1	7.0 AH 12Volt Sealed Lead Acid Battery		1	
CV1	12VDC/24VDC Converter 2A		1	
CF1	Control Fuse		1	
P1,P2-HR	HOUR RUN METERS		2	

DRAWN BY: GoldCoastWater

TELEPHONE: (07) 5581 6661

DATE

PROJECT OFFICER

DESIGN/DRAWN LW/GLH

DWG CHKD

DES CHKD

APPROVED

DESIGN NOT TO BE AMENDED WITHOUT REFERENCE TO DESIGN PROJECT OFFICER

No.	AMENDMENT		APPROVED
C	SCHEDULE AMENDED	LW	28/06/05
B	DRAWING NUMBER WAS 03-07-801	LW	20/04/04
A	POWER SUPPLY ADDED	LW	07/03/04

PROJECT FILE NAME G:BUS.REC./06-07-831

RECORDS FILE NO.

SURVEY FOLDER NO.

SURVEYED BY / DATE

SURVEY CHKD

BAR SCALES

DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

Gold Coast City Council

GOLD COAST CITY COUNCIL
PO BOX 5042, GOLD COAST MC 9729

GoldCoastWater

ACCEPTED

FOR PROJECT ENQUIRIES
REFER .....EXT .....

DATE

SCHEMATIC WIRING DIAGRAM WASTEWATER PUMP STATION

DOL CATEGORY 4

PROJECT No. SS12

DATE MICROFILMED / /

SHEET 1 OF 3

DRAWING No. 06-07-831C