



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3351a - REWARD PET FOODS, WILSONTON
DISTRIBUTION BOARD DB-1-6 (NORTH NEW)
REVISION B - 28 JANUARY 2025

C3351a-0006(B).xls

FAULT CURRENT: 6KA USING CASCADING CHASSIS SIZE: 84 POLE CHASSIS RATING: 250A PHASES: 3							MAIN SWITCH: 250A NON AUTO LOAD BREAK SUPPLIED FROM: DB-1-2 SUPPLY CABLE: 1C95		REV
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS									A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE			
P1	1	20	RCBO	2.5	EXTERNAL	GPO		A	
P2	1	20	RCBO	2.5	EXTERNAL	GPO		A	
P3	1	20	RCBO	2.5	EXTERNAL	GPO		A	
P4	1	20	RCBO	2.5	EXTERNAL	GPO		A	
P5	1	20	RCBO	2.5	INTERNAL	GPO		A	
P6	1	20	RCBO	2.5	INTERNAL	GPO		A	
P7	3	20	RCBO	2.5	INTERNAL	20 A 3PH OUTLET		B	
P8	1	20	RCBO	2.5	INTERNAL	GPO		A	
P9	1	20	RCBO	2.5	INTERNAL	20 A 3PH OUTLET		B	
P10	1	20	RCBO	2.5	INTERNAL	GPO		A	
P11	3	20	RCBO	2.5	INTERNAL	14.5KW HWS		B	
P12	1	20	RCBO	2.5	INTERNAL	20 A 3PH OUTLET		B	
P13	1	20	RCBO	2.5	INTERNAL	GPO		A	
P14								B	
P15	1	20	RCBO	2.5	INTERNAL	GPO		A	
P16	1	20	RCBO	2.5	INTERNAL	GPO		A	
P17	1	20	RCBO	2.5	INTERNAL	GPO		A	
P18	3	32	RCBO	6.0	INTERNAL	CHARGER		A	
P19	1	20	RCBO	2.5	INTERNAL	DOOR		A	
P20	1	20	RCBO	2.5	INTERNAL	DOOR		A	
P21	1	20	RCBO	2.5	INTERNAL	GPO		A	
P22	1	20	RCBO	2.5	INTERNAL	BUG ZAPPER		A	
P23	1	20	RCBO	2.5	INTERNAL	CR-B		A	
P24	1	20	RCBO	2.5	EXTERNAL	FUEL		A	
P25	1	20	RCBO	2.5	EXTERNAL	GPO		A	
L1	1	20	RCBO	2.5		LIGHTS		A	
L2	1	20	RCBO	2.5		LIGHTS		A	
L3	1	20	RCBO	2.5	LINK	LIGHTS		A	