



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3351a - REWARD PET FOODS, WILSONTON

C3351a-0008(C).xls

DISTRIBUTION BOARD DB-2-3 (SOUTH NEW)

REVISION C - 16 JUNE 2025

							REV
FAULT CURRENT: 6KA USING CASCADING							A
MAIN SWITCH: 250A NON AUTO LOAD BREAK							A
CHASSIS SIZE: 60 POLE							A
SUPPLIED FROM: MDB-2							A
CHASSIS RATING: 250A							A
SUPPLY CABLE: 4C25							A
PHASES: 3							A
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	3	32	RCBO	6.0	INTERNAL	CHARGER	A
P2	1	20	RCBO	2.5	EXTERNAL	GPO	A
P3	1	20	RCBO	2.5	EXTERNAL	GPO	A
P4							C
P5							C
P6	1	20	RCBO	2.5	INTERNAL	GPO	A
P7	1	20	RCBO	2.5	INTERNAL	GPO	A
P8							C
P9	1	20	RCBO	2.5	INTERNAL	GPO	A
P10	1	20	RCBO	2.5	INTERNAL	DOORS	A
P11	1	20	RCBO	2.5	INTERNAL	DOORS	A
P12	3	20	RCBO	2.5	EXTERNAL	3 X 3.6KW HWS	B
P13	1	20	RCBO	2.5	AMENITY	GPO	A
P14							C
P15	3	20	RCBO	2.5	INTERNAL	20A 3PH OUTLET	B
P16	3	20	RCBO	2.5	INTERNAL	20A 3PH OUTLET	B
P17	1	20	RCBO TC ON START OF SHIFT OFF END OF SHIFT	2.5	INTERNAL	TOILET EXHAUST	B
L1	1	20	RCBO	2.5		LIGHTS	A
L2	1	20	RCBO	2.5		LIGHTS	A
L3	1	20	RCBO	2.5		LIGHTS	A