



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3351a - REWARD PET FOODS, WILSONTON

C3351a-0009(B).xls

DISTRIBUTION BOARD DB-2-4 (SOUTH NEW)

REVISION B - 16 JUNE 2025

<div>FAULT CURRENT: 6KA USING CASCADING</div> <div>CHASSIS SIZE: 60 POLE</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 250A NON AUTO LOAD BREAK</div> <div>SUPPLIED FROM: MDB-2</div> <div>SUPPLY CABLE: 4C25</div>							REV
							A
							A
							A
							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							B
P2	3	20	RCBO	2.5	WORKSHOP	3PH OUTLET	A
P3							B
P4	3	20	RCBO	2.5	WORKSHOP	3PH OUTLET	A
P5							B
P6	1	20	RCBO	2.5	WORKSHOP	20A OUTLET	A
P7	1	20	RCBO	2.5	WORKSHOP	20A OUTLET	A
P8							B
P9	1	20	RCBO	2.5	WORKSHOP	20A OUTLET	A
P10	1	20	RCBO	2.5	WORKSHOP	20A OUTLET	A
P11	1	20	RCBO	2.5	WORKSHOP	GPO	A
P12	1	20	RCBO	2.5	WORKSHOP	GPO	A
P13	1	20	RCBO	2.5	WORKSHOP	GPO	A
L1	1	20	RCBO	2.5	WORKSHOP	LIGHTS	A