



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: www.edg.net.au Email: brisbane@edg.net.au

**C3351a - REWARD PET FOODS, WILSONTON**  
**DISTRIBUTION BOARD DB-2-3 (SOUTH NEW)**  
**REVISION A - 18 DECEMBER 2024**

**C3351a-0008(A).xls**

							REV	
FAULT CURRENT:		6KA USING CASCADING			MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		60 POLE			SUPPLIED FROM:		MDB-2	A
CHASSIS RATING:		250A			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 <sup>2</sup> )	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	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	1	20	RCBO	2.5	INTERNAL	GPO	A	
P8	1	20	RCBO	2.5	INTERNAL	GPO	A	
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	1	20	RCBO	2.5	AMENITY	HWS	A	
P13	1	20	RCBO	2.5	AMENITY	GPO	A	
L1	1	20	RCBO	2.5		LIGHTS	A	
L2	1	20	RCBO	2.5		LIGHTS	A	
L3	1	20	RCBO	2.5		LIGHTS	A	