



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3351a - REWARD PET FOODS, WILSONTON
DISTRIBUTION BOARD DB-1-6 (NORTH NEW)
REVISION A - 18 DECEMBER 2024

C3351a-0006(A).xls

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		84 POLE		SUPPLIED FROM:		DB-1-2	A
CHASSIS RATING:		250A		SUPPLY CABLE:		1C95	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	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	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	GPO	A
P11	1	20	RCBO	2.5	INTERNAL	GPO	A
P12	1	20	RCBO	2.5	INTERNAL	GPO	A
P13	1	20	RCBO	2.5	INTERNAL	GPO	A
P14	1	20	RCBO	2.5	INTERNAL	GPO	A
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