



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

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C3457a - THE LION RICHLANDS - STAGE 2

C3457a-0007(A).xls

DISTRIBUTION BOARD DB-7

REVISION A - 29 JUNE 2026

FAULT CURRENT: 6kA							250A NON AUTO LOAD BREAK	REV
CHASSIS SIZE: 2 X 60 POLES								A
CHASSIS RATING: 250A								A
PHASES: A								A
MAIN SWITCH: 250A NON AUTO LOAD BREAK							A	
SUPPLIED FROM: MSB								
CABLE: 4C+E 70								
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5		CR-7	A	
P2	1	20	RCBO	2.5		CR-7	A	
P3	1	20	RCBO	2.5		GAMING RACK CR-G	A	
P4	1	20	RCBO	2.5		SECURITY	A	
P5	1	20	RCBO	2.5		MAINTENANCE	A	
P6	3	20	RCBO	2.5	PREP KITCHEN	DW	A	
P7	3	20	RCBO	2.5	PREP KITCHEN	VACUME	A	
P8	1	20	RCBO	2.5	PREP KITCHEN	GPO	A	
P9	3	20	RCBO	2.5	PREP KITCHEN	BLAST CHILLER	A	
P10	3	20	RCBO	2.5	PREP KITCHEN	MIXER	A	
P11	3	20	RCBO	2.5	PREP KITCHEN	12KW COMBI	A	
P12	1	20	RCBO	2.5	PREP KITCHEN	12KW COMBI	A	
P13	3	20	RCBO	2.5	PLANT	WATER FEATURE	A	
P14	1	20	RCBO	2.5	PLANT	GPO	A	
P15	1	20	RCBO	2.5	DELIVERY	OFFICE	A	
P16	3	20	RCBO	2.5	STORE	GPO	A	
P17	3	20	RCBO	2.5		COOL ROOM	A	
P18	3	20	RCBO	2.5		COOL ROOM	A	
P19	3	20	RCBO	2.5		COOL ROOM	A	
P20	1	20	RCBO	2.5		RSD	A	
P21	1	20	RCBO	2.5		CLEANING	A	
P22	1	20	RCBO	2.5		MAINTENANCE	A	
P23	1	20	RCBO	2.5		BOARD ROOM	A	
P24	1	20	RCBO	2.5		PRINTER	A	
P25	1	20	RCBO	2.5		AMENITY	A	
P26	1	20	RCBO	2.5	OFFICES	GPO	A	
P27	1	20	RCBO	2.5	OFFICES	GPO	A	
P28	1	20	RCBO	2.5	OFFICES	GPO	A	
P29	1	20	RCBO	2.5	OFFICES	GPO	A	
P30	1	20	RCBO	2.5	OFFICES	GPO	A	
P31	1	20	RCBO	2.5	KITCHENETT	GPO	A	
P32	1	20	RCBO	2.5	KITCHENETT	AUTOBOILER	A	
P33	1	20	RCBO	2.5	KITCHENETT	APPLIANCES	A	
P34	1	20	RCBO	2.5	KITCHENETT	REF	A	



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							A
							A
							A
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PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5		LIGHTS	A
L2	1	20	RCBO	2.5		LIGHTS	A
L3	1	20	RCBO	2.5		LIGHTS	A
L4	1	20	RCBO	2.5		LIGHTS	A
L5	1	20	RCBO	2.5		LIGHTS	A
L6	1	20	RCBO	2.5		LIGHTS	A
L7	1	20	RCBO	2.5		LIGHTS	A
L8	1	20	RCBO	2.5		LIGHTS	A
L9	1	20	RCBO	2.5		LIGHTS	A
L10	1	20	RCBO	2.5		LIGHTS	A
L11	1	20	RCBO	2.5		LIGHTS	A
L12	1	20	RCBO	2.5		LIGHTS	A
L13	1	20	RCBO	2.5		LIGHTS	A
L14	1	20	RCBO	2.5		LIGHTS	A
L15	1	20	RCBO	2.5		LIGHTS	A
L16	1	20	RCBO	2.5	CARPARK	LIGHTS	A
L17	1	20	RCBO	2.5	CARPARK	LIGHTS	A