



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3457a - THE LION RICHLANDS - STAGE 2

C3457a-0008(A).xls

DISTRIBUTION BOARD DB-8

REVISION A - 29 JUNE 2026

FAULT CURRENT: 6kA CHASSIS SIZE: 60 POLES CHASSIS RATING: 250A PHASES: A MAIN SWITCH: 250A NON AUTO LOAD BREAK SUPPLIED FROM: MSB CABLE: 4C+E 70							REV
							A
							A
							A
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	KIDS ROOM	STAIR LIFTER	A
P2	1	20	RCBO	2.5	KIDS ROOM	CLEANING	A
P3	1	20	RCBO	2.5	KIDS ROOM	WATER	A
P4	1	20	RCBO	2.5	KIDS ROOM	FLOOR BOX	A
P5	1	20	RCBO	2.5	KIDS ROOM	GAMES	A
P6	1	20	RCBO	2.5	KIDS ROOM	GAMES	A
P7	1	20	RCBO	2.5	KIDS ROOM	GAMES	A
P8	1	20	RCBO	2.5	STAFF	GPOs	A
P9	1	20	RCBO	2.5	KIDS ROOM	GAMES	A
P10	1	20	RCBO	2.5	KIDS ROOM	GAMES	A
P11	1	20	RCBO	2.5	KIDS ROOM	GAMES	A
P12	1	20	RCBO	2.5	KIDS ROOM	GAMES	A
P13	1	20	RCBO	2.5	AMENITY	AMENITY	A
P14	1	20	RCBO	2.5	AMENITY	AMENITY	A
P15	1	20	RCBO	2.5	AMENITY	AMENITY	A
P16	1	20	RCBO	2.5	KIDS ROOM	PROJECTOR	A
P17	1	20	RCBO	2.5	KIDS ROOM	AUTO DOOR	A
P18	1	20	RCBO	2.5	KIDS ROOM	RECEPTION	A
P19							
L1	1	20	RCBO	2.5		LIGHTS	A
L2	1	20	RCBO	2.5	KIDS ROOM	SIGN	A
L3	1	20	RCBO	2.5	KIDS ROOM	SIGNS	A
L4	1	20	RCBO	2.5	KIDS ROOM	LIGHTS	A
L5	1	20	RCBO	2.5	KIDS ROOM	LIGHTS	A
L6	1	20	RCBO	2.5	KIDS ROOM	LIGHTS	A
L7	1	20	RCBO	2.5	KIDS ROOM	LIGHTS	A
L8	1	20	RCBO	2.5	KIDS ROOM	LIGHTS	A
L9	1	20	RCBO	2.5	KIDS ROOM	LIGHTS	A