

# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

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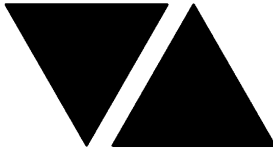
C2741a - GEEBUNG RSL

C2741a-0006(E).xls

DISTRIBUTION BOARD DB-6

REVISION E - 13 SEPTEMBER 2023

THIS DB-6 DISTRIBUTION BOARD WAS PREVIOUSLY REMOVED BUT IS NOW REQUIRED.							REV
FAULT CURRENT: 6kA UTILISING CASCADING MAIN SWITCH: 160A NON AUTO LOAD BREAK SWITCH CHASSIS SIZE: 96 POLES SUPPLIED FROM: MSB CHASSIS RATING: 250A SUPPLY CABLE: 4C 70 PHASES: 3							A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL CONTROL EQUIPMENT. PROVIDE THE DB WITH SURGE PROTECTION. PROVIDE A SHOP DRAWING FOR APPROVAL. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	EXTERNAL	AUDIO GPO	A
P2	1	20	RCBO	2.5	EXTERNAL	FOUNTAIN	A
P3	1	20	RCBO	2.5	EXTERNAL	FOUNTAIN	A
P4	1	20	RCBO	2.5	EXTERNAL	FOUNTAIN	A
P5	1	20	RCBO	2.5	EXTERNAL	AUDIO GPO	A
P6	1	20	RCBO	2.5	AMENITY	GPOs	A
P7	1	20	RCBO	2.5	AMENITY	HD	A
P8	1	20	RCBO	2.5	KIDS	GPOs	A
P9	1	20	RCBO	2.5	DECK	GPOs	A
P10	1	20	RCBO	2.5	DECK	TV	A
P11	1	20	RCBO	2.5	DINING	TV	A
P12	1	20	RCBO	2.5	DINING	GPOs	A
P13	1	20	RCBO	2.5	CAFE	TV	A
P14	3	20	RCBO	2.5	COOLROOM SC	KSF VSD	A
P15	3	20	RCBO	2.5	COOLROOM SC	KEF VSD	A
P16	1	20	RCBO	2.5	CAFE	15A GPO	A
P17	1	20	RCBO	2.5	CAFE	CAKE	A
P18	3	32	RCBO	6.0	CAFE	COFFEE	A
P19	1	20	RCBO	2.5	CAFE	REF	A
P20	1	20	RCBO	2.5	CAFE	POS	A
P21	1	20	RCBO	2.5	CAFE	DISPLAY	A
P22	1	20	RCBO	2.5	CAFE	DISPLAY	A
P23	3	20	RCBO	2.5	CAFE	HWS	A
P24	1	20	RCBO	2.5	REAR BAR	REF	A
P25	1	20	RCBO	2.5	BAR KITCHEN	GPOs	A
P26	1	20	RCBO	2.5	REAR BAR	REF	A
P27	1	20	RCBO	2.5	REAR BAR	15A GPO	A
P28	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	B
P29	1	20	RCBO	2.5	KITCHEN	PRINTER	B
P30	1	20	RCBO	2.5	KITCHEN	MW	A
P31	3	32	RCBO	6.0	KITCHEN	17KW FRYER	A
P32	1	20	RCBO	2.5	KITCHEN	REF	A
P33	3	32	RCBO	6.0	KITCHEN	17KW FRYER	A
P34	3	20	RCBO	2.5	KITCHEN	BAINIE MARIE	A
P35	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A
P36	1	32	RCBO	4.0	KITCHEN	PIZZA	B
P37	1	32	RCBO	4.0	KITCHEN	PIZZA	B
P38	1	20	RCBO	2.5	KITCHEN	REF	A
P39	1	20	RCBO	2.5	KITCHEN	GPOs	A
P40	1	20	RCBO	2.5	KITCHEN	15A GPO	A
P41	1	20	RCBO	2.5	KITCHEN	REF	A
P42	3	20	RCBO	2.5	KITCHEN	7.1KW DW	B
P43	3	32	RCBO	6.0	KITCHEN	20.5KW COMBI	A
P44	1	20	RCBO	2.5	EXTERNAL	AUTO DOORS	A
P45	3	20	RCBO	2.5	KITCHEN	6.8KW GLASS WASHER	B
P46	1	20	RCBO	2.5	AMENITY	HWS	E
P47	1	20	RCBO	2.5	BAR KITCHEN	BILLY	E
P48	1	20	RCBO	2.5	KITCHEN	GAS CONTROL	E



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5	EXTERNAL	SIGN	A
L2	1	20	RCBO	2.5	ENTRY	SIGN	A
L3	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L4	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A
L5	1	20	RCBO	2.5	ENTRY	LIGHTING	A
L6	1	20	RCBO	2.5	DINING	LIGHTING	A
L7	1	20	RCBO	2.5	AMENITY	LIGHTING	A
L8	1	20	RCBO	2.5	DINING	LIGHTING	A
L9	1	20	RCBO	2.5	BAR CAFE	LIGHTING	A
L10	1	20	RCBO	2.5	COUNTERS	LIGHTING	A
L11	1	20	RCBO	2.5	WALLS	LIGHTING	A
L12	1	20	RCBO	2.5	WALLS	LIGHTING	A
L13	1	20	RCBO	2.5	DECK	LIGHTING	A
L14	1	20	RCBO	2.5	DECK	LIGHTING	A
L15	1	20	RCBO	2.5	DECK	LIGHTING	A
L16	1	20	RCBO	2.5	MEMORIAL	LIGHTING	A
L17	1	20	RCBO	2.5	MEMORIAL	LIGHTING	A
L18	1	20	RCBO	2.5	MEMORIAL	LIGHTING	A
L19	1	20	RCBO	2.5	MEMORIAL	LIGHTING	A
L20	1	20	RCBO	2.5	DINING	LIGHTING	C
L21	1	20	RCBO	2.5	DINING	LIGHTING	C
L22	1	20	RCBO	2.5	DINING	LIGHTING	C