ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS
P.O. Box 15, SHERWOOD Q. 4075
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C3257a - PUB MOOLOOLABA **C3257a-0005(C).xls**

DISTRIBUTION BOARD DB-A

REVISION C - 24 SEPTEMBER 2024

				REV
FAULT CURRENT:	6KA	MAIN SWITCH:	250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:	60 + 84 POLE			A
CHASSIS RATING:	250A			A
PHASES:	3			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. RECONNECT ALL OF THE EXISTING DB-A CIRCUITS THAT REMAIN TO THE NEW DB-A WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. RECONNECT THE EXISTING SUPPLY SUBMAIN. REMOVE THE ADJACENT RCD ENCLOSURE. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION TO INCLUDE THE CIRCUIT USE AND LOCATION. PROVIDE THE DB WITH 2 X 3 PHASE 100 AMP DIN RAIL MOUNTED CIRCUIT BREAKERS TO SUPPLY THE TWO EXISTING AIRCONDITIONING SYSTEMS. A

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	BAR	ATM	A
P2	1	20	RCBO	2.5	BAR	CLEANING	A
P3	1	20	RCBO	2.5	BAR	TV	A
P4							C
P5							C
P6	1	20	RCBO	2.5	BAR	TV	A
P7	1	20	RCBO	2.5	BAR	TAB	A
P8	1	20	RCBO	2.5	BAR	TAB	A
P9	1	20	RCBO	2.5	BAR	TAB	A
P10	1	20	RCBO	2.5	BAR	AUTO DOOR	A
P11	1	20	RCBO	2.5	BAR	POS	A
P12	1	20	RCBO	2.5	BAR	BAR COUNTER	A
P13	1	20	RCBO	2.5	BAR	REF	A
P14	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P15	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P16	1	20	RCBO	2.5	GAMING	REF	A
P17	1	20	RCBO	2.5	GAMING	COFFEE	A
P18	1	20	RCBO	2.5	GAMING	POS	A
P19	1	20	RCBO	2.5	GAMING	REF	A
P20	1	20	RCBO	2.5	GAMING	BAR COUNTER	A
P21							C
P22							C
P23	1	20	RCBO	2.5	GAMING	CLEANING	A
P24	1	20	RCBO	2.5	GAMING	CRT	A
P25	1	20	RCBO	2.5	GAMING	CRT	A
P26	1	20	RCBO	2.5	GAMING	MODEM	A
P27	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P28	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P29	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P30	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P31	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P32	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P33	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P34	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P35	1	20	RCBO	2.5	GAMING	SIGN	A
P36	1	20	RCBO	2.5	GAMING	SIGN	A
P37	1	20	RCBO	2.5	GAMING	SIGN	A
P38	1	20	RCBO	2.5	GAMING	GAMING MACHINES	B

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793
TRADING AS – ELECTRICAL DESIGN GROUP ABN 96 092 710 793

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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L2	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L3	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L4	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L5	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L6	1	20	RCBO	2.5	BISTRO	BAR STRIP LIGHTS	B
L7	1	20	RCBO	2.5	GAMING	GAMING STRIP LIGHTS	B
L8	1	20	RCBO	2.5	GAMING	GAMING MACHINES	B
L9	1	20	RCBO	2.5	GAMING	GAMING MACHINES	B
L10	1	20	RCBO	2.5	GAMING	GAMING ENTRY	B
L11	1	20	RCBO	2.5	GAMING	GAMING AMENITIES	B
L12	1	20	RCBO	2.5	GAMING	GAMING	B
L13	1	20	RCBO	2.5	GAMING	GAMING	B
L14							B
L15							B
L16							B

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