ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS
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C3556a - ROYAL HOTEL, BEENLEIGH **C3556a-0005(A).xls**

DISTRIBUTION BOARD DB-A

REVISION A - 10 JUNE 2025

				REV
FAULT CURRENT:	6KA	MAIN SWITCH:	250 NON AUTO LOAD BREAK	A
CHASSIS SIZE:	2 X 60 POLE	SUPPLIED FROM:	DB-T	A
CHASSIS RATING:	250A	SUPPLY CABLE:	4C+E 70	A
PHASES:	3			A

REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. 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 CIRCUITS THAT REMAIN AND THE CIRCUITS WITHIN THE AREA NOMINATED AS BEING SUPPLIED FROM DB-A TO THE NEW DB-A WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION. A

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P2	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P3	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P4	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P5	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P6	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P7	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P8	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P9	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P10	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P11	1	20	RCBO	2.5	GAMING	MODEM	A
P12	1	20	RCBO	2.5	GAMING	MODEM	A
P13	1	20	RCBO	2.5	GAMING	CRT	A
P14	1	20	RCBO	2.5	GAMING	CRT	A
P15	1	20	RCBO	2.5	GAMING	CLEANING	A
P16	1	20	RCBO	2.5	AIR LOCK	AUTO DOOR	A
P17	1	20	RCBO	2.5	GAMING	CLEANING	A
P18	1	20	RCBO	2.5	GAMING	SIGN	A
P19	1	20	RCBO	2.5	GAMING	SIGN	A
P20	1	20	RCBO	2.5	GAMING	SIGN	A
P21	1	20	RCBO	2.5	GAMING	SIGN	A
P22	1	20	RCBO	2.5	GAMING	SIGN	A
P23	1	20	RCBO	2.5	GAMING	SIGN	A
P24	1	20	RCBO	2.5	GAMING	TV	A
P25	1	20	RCBO	2.5	BAR	TV	A
P26	1	20	RCBO	2.5	AIR LOCK	ATM	A

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	EXTERNAL	LIGHTING	A
L2	1	20	RCBO	2.5	GAMING	LIGHTING	A
L3	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L4	1	20	RCBO	2.5	DOSA	LIGHTING	A
L5	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L6	1	20	RCBO	2.5	GAMING	LIGHTING	A
L7	1	20	RCBO	2.5	GAMING	LIGHTING	A
L8	1	20	RCBO	2.5	GAMING	LIGHTING	A
L9	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L10	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L11	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L12	1	20	RCBO	2.5	AMENITIES	LIGHTING	A
L13	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L14	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L15	1	20	RCBO	2.5	AMENITIES	LIGHTING	A
L16	1	20	RCBO	2.5	GAMING	LIGHTING	A
L17	1	20	RCBO	2.5	GAMING	LIGHTING	A
L18	1	20	RCBO	2.5	GAMING	LIGHTING	A
L19	1	20	RCBO	2.5	DOSA	LIGHTING	A
L20	1	20	RCBO	2.5	GAMING	HEATERS	A
L21	1	20	RCBO	2.5	DOSA	HEATERS	A
L22	1	20	RCBO	2.5	DOSA	HEATERS	A
L23	1	20	RCBO	2.5	DOSA	FANS	A
L24	1	20	RCBO	2.5	BISTRO	HEAT LAMPS	A

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