



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3419a - PRINCE OF WALES HOTEL, NUNDAH

C3419a-0005(C).xls

DISTRIBUTION BOARD DB-A

REVISION C - 07 AUGUST 2025

							REV
FAULT CURRENT:		6KA		MAIN SWITCH:		100A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		84 POLE		SUPPLIED FROM:		DB-1	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C+E 16	C
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	MODEM	A
P11	1	20	RCBO	2.5	GAMING	CRT	A
P12	1	20	RCBO	2.5	GAMING	CRT	A
P13	1	20	RCBO	2.5	GAMING	CLEANING	A
P14	1	20	RCBO	2.5	GAMING	FOOT REST LED	B
P15	1	20	RCBO	2.5	GAMING	FOOT REST LED	B
P16	1	20	RCBO	2.5	GAMING	FOOT REST LED	B
P17	1	20	RCBO	2.5	GAMING	FOOT REST LED	B
P18	1	20	RCBO	2.5	AMENITY	HD	A
P19	1	20	RCBO	2.5	GAMING	TV	A
P20	1	20	RCBO	2.5	GAMING	TV	A
P21	1	20	RCBO	2.5	TAB	TAB	A
P22	1	20	RCBO	2.5	GAMING	AUTO DOOR	A
P23	1	20	RCBO	2.5	BAR	POS	A
P24	1	20	RCBO	2.5	BAR	COFFEE	A
P25	1	20	RCBO	2.5	BAR	GPOs	A
P26	1	20	RCBO	2.5	BAR	KENO	A
P27	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P28	1	20	RCBO	2.5	BAR	REF	A
P29	1	20	RCBO	2.5	BAR	REF	A
P30	1	20	RCBO	2.5	OFFICE	GPOs	A
P31	1	20	RCBO	2.5	OFFICE	COMMS RACK CR-A	A
P32	1	20	RCBO	2.5	OFFICE	COMMS RACK CR-A	A
P33	1	20	RCBO	2.5	BAR	3.6KW HWS	A
P34	1	20	RCBO	2.5	GAMING	GAMING MACHINES	B
P35	1	20	RCBO	2.5	TAB	TAB	B
P36	1	20	RCBO	2.5	TAB	TAB	B
P37	1	20	RCBO	2.5	TAB	TAB	B
L1	1	20	RCBO	2.5	GAMING	LIGHTING	A
L2	1	20	RCBO	2.5	DOSA	HEATER	A
L3	1	20	RCBO	2.5	DOSA	FAN	A
L4	1	20	RCBO	2.5	GAMING	LIGHTING	A
L5	1	20	RCBO	2.5	GAMING	LIGHTING	A
L6	1	20	RCBO	2.5	GAMING	LIGHTING	A
L7	1	20	RCBO	2.5	AMENITY / EXTERNAL	LIGHTING	A
L8	1	20	RCBO	2.5	BAR	LIGHTING	A

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Pages inc. any attach. 1 of 1