



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3714a - GATEWAY HOTEL, MAREEBA - GAMING ROOM

C3714a-0004(B).xls

DISTRIBUTION BOARD DB-3

REVISION B - 13 APRIL 2026

FAULT CURRENT: 6KA							REV
MAIN SWITCH: 250 NON AUTO LOAD BREAK							A
CHASSIS SIZE: 84 POLE							A
SOURCE: MSB							A
CHASSIS RATING: 250A							A
SUPPLY CABLE: 1C 120							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 CONTROL 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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION. RECONNECT THE EXISTING DB-3 CIRCUITS THAT REMAIN WITH NEW SWITCHGEAR AND CONTROLS THAT MATCHES THE EXISTING IN CAPACITY AND FUNCTION. THE FOLLOWING CIRCUITS ARE TO BE PROVIDED IN ADDITION THE EXISTING CIRCUITS BEING RELOCATED. PROVIDE A SHOP DRAWING FOR APPROVAL							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	OFFICE	AV	A
P2	1	20	RCBO	2.5	OFFICE	OFFICE DESK	A
P3	1	20	RCBO	2.5	GAMING	CLEANING	A
P4	1	20	RCBO	2.5	BAR	GAMING	A
P5	1	20	RCBO	2.5	BAR	POS	A
P6	1	20	RCBO	2.5	BAR	CHILLED WATER	A
P7	1	20	RCBO	2.5	BAR	REF	A
P8	1	20	RCBO	2.5	BAR	GPOs	A
P9	1	20	RCBO	2.5	BAR	COFFEE	B
P10	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P11	1	20	RCBO	2.5	GAMING BAR	TV	A
P12	3	32	RCBO	6.0	BAR	19.4KW HWS	A
L1	1	20	RCBO	2.5	GAMING	LIGHTING	A
L2	1	20	RCBO	2.5	GAMING	LIGHTING	A