



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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C3470a - GOLDEN BEACH TAVERN, CALOUNDRA

C3470a-0006(A).xls

DISTRIBUTION BOARD DB-G

REVISION A - 06 AUGUST 2025

							REV
FAULT CURRENT:		6KA		MAIN SWITCH:		250 NON AUTO LOAD BREAK	A
CHASSIS SIZE:		72 POLE		SUPPLIED FROM:			A
CHASSIS RATING:		250A		SUPPLY CABLE:			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. 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	CLEANING	A
P13	1	20	RCBO	2.5	GAMING	AUTO DOORS	A
P14	1	20	RCBO	2.5	GAMING	AUTO DOORS	A
P15	1	20	RCBO	2.5	GAMING	SIGN	A
P16	1	20	RCBO	2.5	GAMING	SIGN	A
P17	1	20	RCBO	2.5	GAMING	SIGN	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	BAR	AB GPOS	A
P21	1	20	RCBO	2.5	BAR	GAMING CONTROL	A
P22	1	20	RCBO	2.5	BAR	REFRIGERATOR	A
P23	1	20	RCBO	2.5	BAR	COFFEE	A
P24	1	20	RCBO	2.5	BAR	REFRIGERATOR	A
P25	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P26	1	20	RCBO	2.5	OFFICE	GPOS	A
P27	1	20	RCBO	2.5	OFFICE	RACKS	A
P28	1	20	RCBO	2.5	OFFICE	RACKS	A
P29	1	20	RCBO	2.5	OFFICE	RACKS	A
P30	1	20	RCBO	2.5	OFFICE	RACKS	A
P31	1	20	RCBO	2.5	OFFICE	RACKS	A
P32	1	20	RCBO	2.5	OFFICE	RACKS	A
P33	1	20	RCBO	2.5	OFFICE	CASH COUNTING	A
P34	1	20	RCBO	2.5	OFFICE	POS	A
P35	1	20	RCBO	2.5	BAR	SAFE	A
P36	1	20	RCBO	2.5	GAMING	TV	A



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CHASSIS SIZE:		72 POLE		SUPPLIED FROM:			MSB	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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
L1	1	20	RCBO	2.5	GAMING	SIGN	A	
L2	1	20	RCBO	2.5	GAMING	LIGHTS	A	
L3	1	20	RCBO	2.5	GAMING	LIGHTS	A	
L4	1	20	RCBO	2.5	GAMING	LIGHTS	A	
L5	1	20	RCBO	2.5	GAMING	LIGHTS	A	
L6	1	20	RCBO	2.5	GAMING	LIGHTS	A	
L7	1	20	RCBO	2.5	GAMING	LIGHTS	A	
L8	1	20	RCBO	2.5	DOSA	FAN	A	
L9	1	20	RCBO	2.5	DOSA	HEATER	A	
L10	1	20	RCBO	2.5	DOSA	HEATER	A	
L11	1	20	RCBO	2.5	DOSA	HEATER	A	