

ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS
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C3470a - GOLDEN BEACH TAVERN, CALOUNDRA DISTRIBUTION BOARD DB-G REVISION A - 06 AUGUST 2025

C3470a-0006(A).xls

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REV 250 NON AUTO LOAD FAULT CURRENT: 6KA MAIN SWITCH: Α BREAK CHASSIS SIZE: 72 POLE MSB SUPPLIED FROM: Α CHASSIS RATING: 250A SUPPLY CABLE: 4C+E 70 Α

PHASES: 3

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.

CIRC	PH	CIRCUIT	CONTROL	CABLE	LOCATION	CIRCUIT	
CINC		BREAKER (amps)	EQUIPMENT	SIZE (mm ²)		USE	
P1	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P2	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P3	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P4	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P5	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P6	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P7	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P8	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P9	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P10	1	20	RCBO	2.5	GAMING	MODEM	Α
P11	1	20	RCBO	2.5	GAMING	CRT	Α
P12	1	20	RCBO	2.5	GAMING	CLEANING	Α
P13	1	20	RCBO	2.5	GAMING	AUTO DOORS	Α
P14	1	20	RCBO	2.5	GAMING	AUTO DOORS	Α
P15	1	20	RCBO	2.5	GAMING	SIGN	Α
P16	1	20	RCBO	2.5	GAMING	SIGN	Α
P17	1	20	RCBO	2.5	GAMING	SIGN	Α
P18	1	20	RCBO	2.5	GAMING	SIGN	Α
P19	1	20	RCBO	2.5	GAMING	SIGN	Α
P20	1	20	RCBO	2.5	BAR	AB GPOS	Α
P21	1	20	RCBO	2.5	BAR	GAMING CONTROL	Α
P22	1	20	RCBO	2.5	BAR	REFRIGERATOR	Α
P23	1	20	RCBO	2.5	BAR	COFFEE	Α
P24	1	20	RCBO	2.5	BAR	REFRIGERATOR	Α
P25	1	20	RCBO	2.5	BAR	GLASS WASHER	Α
P26	1	20	RCBO	2.5	OFFICE	GPOS	Α
P27	1	20	RCBO	2.5	OFFICE	RACKS	Α
P28	1	20	RCBO	2.5	OFFICE	RACKS	Α
P29	1	20	RCBO	2.5	OFFICE	RACKS	Α
P30	1	20	RCBO	2.5	OFFICE	RACKS	Α
P31	1	20	RCBO	2.5	OFFICE	RACKS	Α
P32	1	20	RCBO	2.5	OFFICE	RACKS	Α
P33	1	20	RCBO	2.5	OFFICE	CASH COUNTING	Α
P34	1	20	RCBO	2.5	OFFICE	POS	Α
P35	1	20	RCBO	2.5	BAR	SAFE	Α
P36	1	20	RCBO	2.5	GAMING	TV	Α
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REVISION A - 06 AUGUST 2025

							REV
		FAULT CURRENT:	6KA		MAIN SWITCH:	250 NON AUTO LOAD BREAK	Α
		CHASSIS SIZE:	72 POLE		SUPPLIED FROM:	MSB	Α
		CHASSIS RATING:	250A		SUPPLY CABLE:	4C+E 70	Α
		PHASES:	3				Α
DIN RA	AIL TO AC	EQUIPMENT SCHEDULE AI COMMODATE FUTURE COI COVIDED AS PART OF THE INTROL THE ASSOCIATED I	NTACTORS AND CONTR INITIAL WORKS. PRO	ROLS IN ADDITION TO TOVIDE THE DB WITH AN	THE CONTROLS INCLUDIN I AS2293 EMERGENCY LIG	NG THE DYNALITE	А
SCHEE	DULE INC	LUDES THE CIRCUIT USE A	AND LOCATION.				
		CIRCUIT USE A	CONTROL	CABLE		CIRCUIT	
	PH	1		CABLE SIZE (mm²)	LOCATION	CIRCUIT USE	
		CIRCUIT	CONTROL	_			
		CIRCUIT	CONTROL	_			A
CIRC	РН	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	SIZE (mm²)	LOCATION	USE	A
CIRC L1	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	SIZE (mm ²)	LOCATION GAMING	USE SIGN	
CIRC L1 L2	PH 1 1 1	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT RCBO RCBO	2.5 2.5	LOCATION GAMING GAMING	USE SIGN LIGHTS	Α
L1 L2 L3	PH 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20	CONTROL EQUIPMENT RCBO RCBO RCBO	2.5 2.5 2.5 2.5	LOCATION GAMING GAMING GAMING	SIGN LIGHTS LIGHTS	A A
L1 L2 L3 L4	PH 1 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20 20 20	CONTROL EQUIPMENT RCBO RCBO RCBO RCBO	2.5 2.5 2.5 2.5 2.5	CAMING GAMING GAMING GAMING GAMING	SIGN LIGHTS LIGHTS LIGHTS	A A A
L1 L2 L3 L4 L5	PH 1 1 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20 20 20 20 20	CONTROL EQUIPMENT RCBO RCBO RCBO RCBO RCBO RCBO	2.5 2.5 2.5 2.5 2.5 2.5 2.5	GAMING GAMING GAMING GAMING GAMING GAMING	SIGN LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS	A A A
L1 L2 L3 L4 L5	PH 1 1 1 1 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20 20 20 20 20 20 20	CONTROL EQUIPMENT RCBO RCBO RCBO RCBO RCBO RCBO RCBO	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	GAMING GAMING GAMING GAMING GAMING GAMING GAMING GAMING	SIGN LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS	A A A A
L1 L2 L3 L4 L5 L6	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20 20 20 20 20 20 20 20 20	CONTROL EQUIPMENT RCBO RCBO RCBO RCBO RCBO RCBO RCBO RCB	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	GAMING GAMING GAMING GAMING GAMING GAMING GAMING GAMING GAMING	SIGN LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS	A A A A
L1 L2 L3 L4 L5 L6 L7	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20 20 20 20 20 20 20 20 20 20	CONTROL EQUIPMENT RCBO RCBO RCBO RCBO RCBO RCBO RCBO RCB	2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	GAMING DOSA	SIGN LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS LIGHTS FAN	A A A A A