



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3470a - GOLDEN BEACH TAVERN, CALOUNDRA

C3470a-0005(B).xls

DISTRIBUTION BOARD DB-E

REVISION B - 19 SEPTEMBER 2025

FAULT CURRENT: 6KA CHASSIS SIZE: 60 POLE CHASSIS RATING: 250A PHASES: 3 MAIN SWITCH: 250 NON AUTO LOAD BREAK SUPPLIED FROM: MSB SUPPLY CABLE: 4C+E 70							REV
							A
							A
							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	SPORTS BAR	POS	A
P2	1	20	RCBO	2.5	SPORTS BAR	REFRIGERATOR	A
P3	1	20	RCBO	2.5	SPORTS BAR	GPOS	A
P4	1	20	RCBO	2.5	SPORTS BAR	REFRIGERATOR	A
P5	1	20	RCBO	2.5	SPORTS BAR	REFRIGERATOR	A
P6	1	20	RCBO	2.5	SPORTS BAR	GLASS WASHER	A
P7	1	20	RCBO	2.5	SPORTS BAR	COFFEE	B
P8	1	20	RCBO	2.5	SPORTS BAR	REFRIGERATOR	A
P9	1	20	RCBO	2.5	SPORTS BAR	TV	A
P10	1	20	RCBO	2.5	SPORTS BAR	TAB	A
P11	1	20	RCBO	2.5	SPORTS BAR	TAB	A
P12	1	20	RCBO	2.5	SPORTS BAR	REFRIGERATOR	A
P13	1	20	RCBO	2.5	SPORTS BAR	KENO	A
P14	1	20	RCBO	2.5	SPORTS BAR	CLEANING	A
P15	1	20	RCBO	2.5	SPORTS BAR	TV	A
P16	1	20	RCBO	2.5	SPORTS BAR	TV	A
L1	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L2	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L3	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L4	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L5	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L6	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L7	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L8	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L9	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L10	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L11	1	20	RCBO	2.5	EXTERNAL	FANS	A