



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3646a - CLUB TAVERN CABOOLTURE

C3646a-0006(B).xls

DISTRIBUTION BOARD DB-2

REVISION B - 31 OCTOBER 2025

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: EXISTING							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. RECONNECT ALL EXISTING DB-2 CIRCUITS THAT REMAIN WITH NEW SWITCHGEAR AND CONTROLS THAT MATCH THE EXISTING IN CAPACITY AND FUNCTION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5	GAMING ENTRY	AUTO DOOR	A
P2	1	20	RCBO	2.5	SPORTS BAR	STAGE	A
P3	1	20	RCBO	2.5	SPORTS BAR	STAGE	A
P4	1	20	RCBO	2.5	SPORTS BAR	STAGE	A
P5	1	20	RCBO	2.5	SPORTS BAR	STAGE	A
P6	1	20	RCBO	2.5	SPORTS BAR	STAGE	A
P7	1	20	RCBO	2.5	SPORTS BAR	LED SCREEN	A
P8	1	20	RCBO	2.5	SPORTS BAR	LED SCREEN	A
P9	1	20	RCBO	2.5	SPORTS BAR	LED SCREEN	A
P10	1	20	RCBO	2.5	SPORTS BAR	TV	A
P11	1	20	RCBO	2.5	SPORTS BAR	CLEANING	A
P12	1	20	RCBO	2.5	SPORTS BAR	ATM	A
P13	1	20	RCBO	2.5	SPORTS BAR	CLEANING	A
P14	1	20	RCBO	2.5	SPORTS BAR	KENO	A
P15	1	20	RCBO	2.5	SPORTS BAR	LED SCREEN	A
P16	1	20	RCBO	2.5	SPORTS BAR	LED SCREEN	A
P17	1	20	RCBO	2.5	GAMING	CLEANING	A
P18	1	20	RCBO	2.5	GAMING	TV	A
P19	1	20	RCBO	2.5	GAMING	REF	A
P20	1	20	RCBO	2.5	GAMING	DIGITAL BANNER	A
P21	1	20	RCBO	2.5	SPORTS BAR	DIGITAL BANNER	A
							A
							A
							A
							A
							A
							A
							A
							A
							A
L1	1	20	RCBO	2.5		LIGHTING	A
L2	1	20	RCBO	2.5		SIGN	A
L3	1	20	RCBO	2.5		LIGHTING	A
L4	1	20	RCBO	2.5		SIGN	A
L5	1	20	RCBO	2.5		LIGHTING	A
L6	1	20	RCBO	2.5		LIGHTING	A
L7	1	20	RCBO	2.5		LIGHTING	A
L8	1	20	RCBO	2.5		LIGHTING	A
L9	1	20	RCBO	2.5		LIGHTING	A
L10	1	20	RCBO	2.5		LIGHTING	A
L11	1	20	RCBO	2.5		LIGHTING	A
							A
							A