



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3638a - KENSINGTON TAVERN

C3638a-0005(B).xls

DISTRIBUTION BOARD DB-A

REVISION B - 03 NOVEMBER 2025

<div>FAULT CURRENT: 6KA</div> <div>CHASSIS SIZE: 48 POLE</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 250 NON AUTO LOAD BREAK</div> <div>SOURCE: DB-CA</div> <div>SUPPLY CABLE: 4C+E 16</div>							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. ALLOW NEW SWITCHGEAR AND CONTROLS TO CONNECT ANY EXISTING CIRCUITS THAT NEED TO BE RELOCATED TO DB-A.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	GAMING	CLEANING	A
P2	1	20	RCBO	2.5	SPORTS BAR	AUTO DOOR	A
P3	1	20	RCBO	2.5	LEVEL 1 OFFICE	GPOs	A
P4	1	20	RCBO	2.5	LEVEL 1 AMENITY	HAND DRYER	A
L1	1	20	RCBO	2.5	LEVEL 1	LIGHTING	A
L2	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L3	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L4	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L5	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L6	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L7	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L8	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L9	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L10	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L11	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L12	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L13	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L14	1	20	RCBO	2.5	LEVEL 1	LIGHTING	A
L15	1	20	RCBO	2.5	LEVEL 1	LIGHTING	B