



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3419a - PRINCE OF WALES HOTEL, NUNDAH

C3419a-0006(A).xls

DISTRIBUTION BOARD DB-B

REVISION A - 21 MARCH 2025

FAULT CURRENT: 6KA							REV
MAIN SWITCH: 100A NON AUTO LOAD BREAK							A
CHASSIS SIZE: 84 POLE							A
SUPPLIED FROM: DB-1							A
CHASSIS RATING: 250A							A
SUPPLY CABLE: 4C+E 25							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. RECONNECT ALL OF THE EXISTING CIRCUITS THAT REMAIN AND THE CIRCUITS WITHIN THE AREA NOMINATED AS BEING SUPPLIED FROM DB-B TO THE NEW DB-B WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. 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	ENTRY	FIP	A
P2	1	20	RCBO	2.5	ENTRY	ATM	A
P3	1	20	RCBO	2.5	SPORTS BAR	GPOs	A
P4	1	20	RCBO	2.5	AMENITY	HD	A
P5	1	20	RCBO	2.5	SPORTS BAR	ATM	A
P6	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P7	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P8	1	20	RCBO	2.5	SPORTS BAR	GPOs	A
P9	1	20	RCBO	2.5	AMENITY	HD	A
P10	1	20	RCBO	2.5	ENTRY	AUTO DOOR	A
P11	1	20	RCBO	2.5	SPORTS BAR	VISION WALL	A
P12	1	20	RCBO	2.5	SPORTS BAR	VISION WALL	A
P13	1	20	RCBO	2.5	SPORTS BAR	TV	A
P14	1	20	RCBO	2.5	SPORTS BAR	TAB	A
							A
							A
							A
							A
							A
							A
							A
L1	1	20	RCBO	2.5	SPORTS BAR	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	SPORTS BAR	LIGHTING	A
L12	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L13	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L14	1	20	RCBO	2.5	EXTERNAL	TREE BUD LIGHTS	A
							A
							A
							A
							A